



**Initial New Source Review (NSR) Air Permit  
and Prevention of Significant Deterioration (PSD)  
Application**

**Fermi Equipment Holdco, LLC  
Fermi America Project Matador**

*Carson County, Texas*

**August 2025**

*TRC Environmental Corporation | Fermi America  
Final 8/1/2025*

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# Table of Contents

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|       |                                                        |     |
|-------|--------------------------------------------------------|-----|
| 1.    | Introduction.....                                      | 1-1 |
| 1.1   | Project Overview .....                                 | 1-1 |
| 1.2   | Facility Overview .....                                | 1-1 |
| 1.3   | Area Map and Plot Plan .....                           | 1-2 |
| 2.    | Application Materials.....                             | 2-1 |
| 2.1   | TCEQ Forms and Information.....                        | 2-1 |
| 2.1.1 | Administrative Tables and Forms (Appendix A).....      | 2-1 |
| 2.1.2 | Emission Calculations (Appendix B).....                | 2-2 |
| 2.1.3 | BACT Supporting Documents (Appendix C) .....           | 2-2 |
| 2.1.4 | PSD Modeling Protocol and EMEW (Appendix D) .....      | 2-2 |
| 2.1.5 | Professional Engineer Certification (Appendix E) ..... | 2-2 |
| 2.2   | Sitewide Emissions to be Authorized.....               | 2-2 |
| 2.3   | Federal Permitting Applicability .....                 | 2-2 |
| 2.3.1 | PSD Applicability .....                                | 2-3 |
| 2.3.2 | Hazardous Air Pollutants (HAPs) .....                  | 2-4 |
| 2.4   | Public Notice Applicability.....                       | 2-4 |
| 2.5   | Professional Engineer’s Certification .....            | 2-4 |
| 2.6   | Permit Fee.....                                        | 2-4 |
| 2.7   | Request for Expedited Processing .....                 | 2-4 |
| 3.    | Process Description .....                              | 3-1 |
| 3.1   | Combined Cycle Combustion Turbines.....                | 3-2 |
| 3.2   | CTG Startup and Shutdown Activities .....              | 3-3 |
| 3.3   | Black Start Generators .....                           | 3-3 |
| 3.4   | Emergency Engines.....                                 | 3-4 |
| 3.5   | ULSD Storage Tanks.....                                | 3-4 |
| 3.6   | Cooling Towers .....                                   | 3-4 |
| 3.7   | Combustion Lube Oil Recirculation System Vents .....   | 3-4 |
| 3.8   | Natural Gas System .....                               | 3-5 |
| 3.9   | Ammonia SCR Delivery System .....                      | 3-5 |
| 3.10  | Maintenance Activities.....                            | 3-5 |
| 3.11  | Sulfur Hexafluoride Insulated Equipment.....           | 3-6 |
| 3.12  | Project Construction and Commissioning.....            | 3-6 |

|      |                                                                            |      |
|------|----------------------------------------------------------------------------|------|
| 4.   | Basis for Emission Calculations.....                                       | 4-1  |
| 4.1  | Combustion Turbines (EPNs: HRGSA-1 through HRSGE-18).....                  | 4-1  |
| 4.2  | Black Start Engines (EPNs: ENGINE-1 and ENGINE-2).....                     | 4-3  |
| 4.3  | Emergency Engines (EPNs: FPUMP1 – FPUMP2, and EGEN1 – EGEN6).....          | 4-4  |
| 4.4  | Cooling Towers (EPNs: CT-1 through CT-15) .....                            | 4-4  |
| 4.5  | Lube Oil Recirculation System Vents (EPNs: LVO1 through LVO90) .....       | 4-5  |
| 4.6  | Natural Gas System Fugitive Emissions (EPN: NGFUG) .....                   | 4-5  |
| 4.7  | Ammonia SCR Delivery System Fugitive Emissions (EPN: NH3FUG).....          | 4-6  |
| 4.8  | ULSD Tanks (EPNs: TNK-DSL1 through TNK-DSL4) .....                         | 4-6  |
| 4.9  | Electrical Equipment Insulated with SF6 (EPN: FUG-SF6).....                | 4-6  |
| 4.10 | Maintenance Activities (EPN: MSSFUG).....                                  | 4-7  |
| 5.   | Best Available Control Technology (BACT).....                              | 5-1  |
| 5.1  | Combined Cycle Combustion Turbines.....                                    | 5-2  |
| 5.2  | Black Start Generators BACT Analysis .....                                 | 5-7  |
| 5.3  | Emergency Engines and Fire Suppression System Pumps BACT Analysis .....    | 5-7  |
| 5.4  | ULSD Fixed Roof Storage Tanks BACT Analysis.....                           | 5-8  |
| 5.5  | Cooling Towers BACT Analysis .....                                         | 5-8  |
| 5.6  | Combustion Lube Oil Recirculation System Vents BACT Analysis .....         | 5-8  |
| 5.7  | Natural Gas System Fugitives BACT Analysis .....                           | 5-9  |
| 5.8  | Ammonia SCR Delivery System Fugitives BACT Analysis.....                   | 5-9  |
| 5.9  | Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives BACT Analysis.....     | 5-9  |
| 5.10 | Maintenance Activities Fugitives BACT Analysis.....                        | 5-10 |
| 5.11 | BACT Summary .....                                                         | 5-10 |
| 6.   | State Regulatory Requirements .....                                        | 6-1  |
| 7.   | Federal Regulatory Requirements.....                                       | 7-1  |
| 7.1  | New Source Performance Standards (NSPS) .....                              | 7-1  |
| 7.2  | National Emission Standards for Hazardous Air Pollutants (NESHAP) .....    | 7-3  |
| 7.3  | Maximum Achievable Control Technologies for NESHAP Source Categories ..... | 7-3  |
| 7.4  | Disaster Review .....                                                      | 7-5  |

## List of Tables

|           |                                                           |      |
|-----------|-----------------------------------------------------------|------|
| Table 2-1 | Federal PSD Applicability.....                            | 2-3  |
| Table 2-2 | GHG PSD Applicability .....                               | 2-3  |
| Table 5-1 | BACT Summary for Combined Cycle Combustion Turbines ..... | 5-10 |

|           |                                                              |      |
|-----------|--------------------------------------------------------------|------|
| Table 5-2 | BACT Summary for Ancillary Equipment .....                   | 5-11 |
| Table 7-1 | 40 CFR 60 New Source Performance Standards (NSPS).....       | 7-2  |
| Table 7-2 | 40 CFR 63 NESHAP for Source Categories (MACT Standards)..... | 7-4  |

## List of Figures

|             |                           |     |
|-------------|---------------------------|-----|
| Figure 1-1  | Area Map.....             | 1-4 |
| Figure 1-2  | Plot Plan.....            | 1-5 |
| Figure 1-2A | Plot Plan 2A.....         | 1-6 |
| Figure 1-2B | Plot Plan 2B .....        | 1-7 |
| Figure 3-1  | Process Flow Diagram..... | 3-7 |

## List of Appendices

|            |                                      |
|------------|--------------------------------------|
| Appendix A | TCEQ Administrative Tables and Forms |
| Appendix B | Emission Calculations                |
| Appendix C | BACT Supporting Documents            |
| Appendix D | PSD Modeling Protocol and EMEW       |
| Appendix E | Professional Engineer Certification  |



# Section 1

## Introduction

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### 1.1 Project Overview

Fermi Equipment Holdco, LLC (dba Fermi America) is submitting this air permit application to authorize the construction of a natural gas-fired combined cycle power plant at a greenfield site in Carson County, Texas. The new power plant will operate under the name Fermi America Project Matador (Project Matador). Project Matador will provide electricity to an on-site hyperscale data center campus designed for next-generation data and Artificial Intelligence (AI) infrastructure. The Project's power generation will be used solely onsite, and the Project will not sell electricity to the local utility power distribution system. This Project supports state and national policy goals for AI infrastructure expansion, and national energy security.

Carson County is designated as an attainment or unclassifiable area for all criteria pollutants. The Project will result in emissions of nitrogen oxides (NO<sub>x</sub>), volatile organic compounds (VOC), carbon monoxide (CO), particulate matter (PM), particulate matter with diameters of 10 microns or less (PM<sub>10</sub>), particulate matter with diameters of 2.5 microns or less (PM<sub>2.5</sub>), sulfur dioxide (SO<sub>2</sub>), sulfuric acid (H<sub>2</sub>SO<sub>4</sub>), ammonia (NH<sub>3</sub>), and Greenhouse Gas (GHG) emissions quantified as carbon dioxide equivalent (CO<sub>2e</sub>).

Under the federal New Source Review (NSR) program, this Project will trigger Prevention of Significant Deterioration (PSD) review for Ozone as VOC and NO<sub>x</sub> emissions, CO, PM<sub>10</sub>/PM<sub>2.5</sub>, NO<sub>x</sub>, SO<sub>2</sub>, and GHG emissions. A consolidated permit application is being submitted for the NSR permit, non-GHG PSD permit, and GHG PSD permit.

### 1.2 Facility Overview

Fermi America has not finalized their selection of combustion turbine configurations and Original Equipment Manufacturers (OEM) for the combustion turbine equipment due to the uncertainty in availability of gas-fired turbines in the current marketplace. As such, this initial NSR and PSD application proposes an initial configuration of combined cycle units to establish the worst-case Potential-to-Emit (PTE) for the turbines to be permitted. Specifically, the Project PTE for the CTGs will be based on:

- Fifteen (15) 6-on-1 combined cycle combustion turbine (CCCT) generator configurations. Each combustion turbine will be equipped with a heat recovery steam generators (HRSG) such that the 6-on-1 CCCT includes six HRSGs. The HRSGs will not be equipped with supplemental duct burners.

- In the 6-on-1 configuration, steam from the six (6) HRSGs will serve a single steam turbine generator.
- The 15 CCCT configurations will be comprised of 90 Siemens Energy SGT-800 combustion turbines, 15 steam turbines and ancillary equipment. Turbine performance and emissions data for the Siemens Energy SGT-800 equipment is included with this application.

The Project site plan is structured into multiple zones, and construction of the Project will occur in phases, with each phase consisting of construction of a power block designated as power blocks A through E. Each of the five (5) power blocks will consist of three (3) 6-on-1 CCCT configurations. At full build out, Project's nominal generation capacity will be approximately 6,000 megawatts (MW). The turbines will be fired exclusively with pipeline quality natural gas.

The Project will include installation of the following equipment:

- Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines and HRSGs equipped with Selective Catalytic Reduction (SCR) and an oxidation catalyst system for emissions control;
- Fifteen (15) cooling towers;
- Six (6) ultra-low-sulfur diesel (ULSD) emergency generator engines;
- Two (2) ULSD black start engine generators;
- Two (2) ULSD fire suppression system pump engines;
- Four (4) ULSD storage tanks;
- Combustion lube oil recirculation systems with lube oil vents for each combustion turbine generator (CTG);
- Piping component fugitive emissions from the natural gas system and SCR ammonia system piping components;
- Turbine maintenance activities that are inherently low emitting (ILE); and
- Sulfur Hexafluoride (SF<sub>6</sub>) insulated electrical equipment.

### 1.3 Area Map and Plot Plan

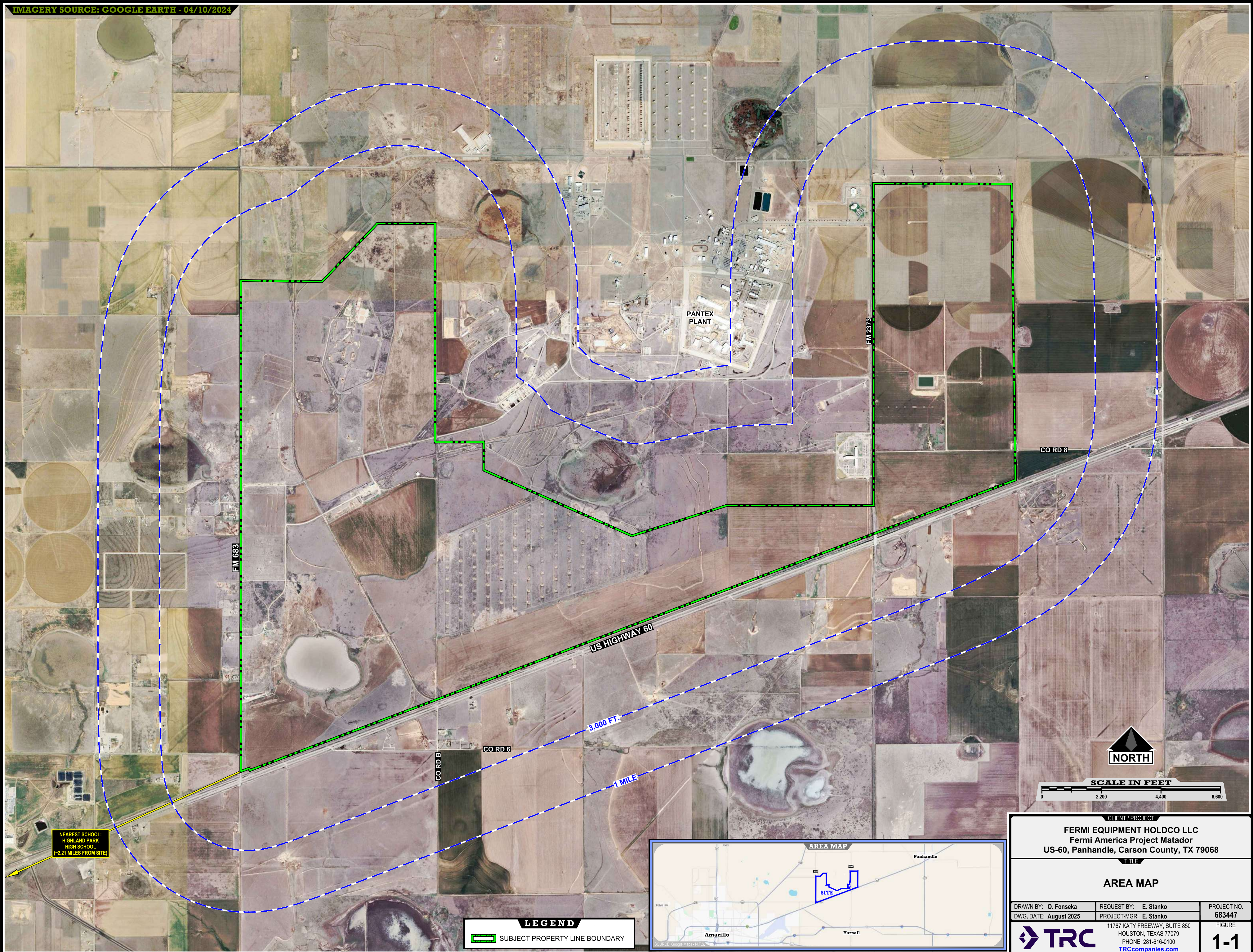
The Project will be situated on an approximately 5,855-acre site in Carson County, Texas that will be devoted to the power generation facilities and AI data center campus. The site is located approximately 15 miles northeast of Amarillo, Texas along US Hwy 60, near the intersection of US Hwy 60 and FM 2373 on north side of the road.

The enclosed Area Map, **Figure 1-1**, has been included with this application to illustrate the location of the property and surrounding area. The area map includes a true north arrow,

accurate scale, the entire plant property, the location of the property relative to prominent geographical features, and significant landmarks. **Figure 1-1** includes a circle of 3,000-ft radius and a circle of one-mile radius from the property boundary. The area map includes current aerial photography to depict the land use surrounding Project Matador. As shown, there are no schools located within a 3,000-ft radius from the site.

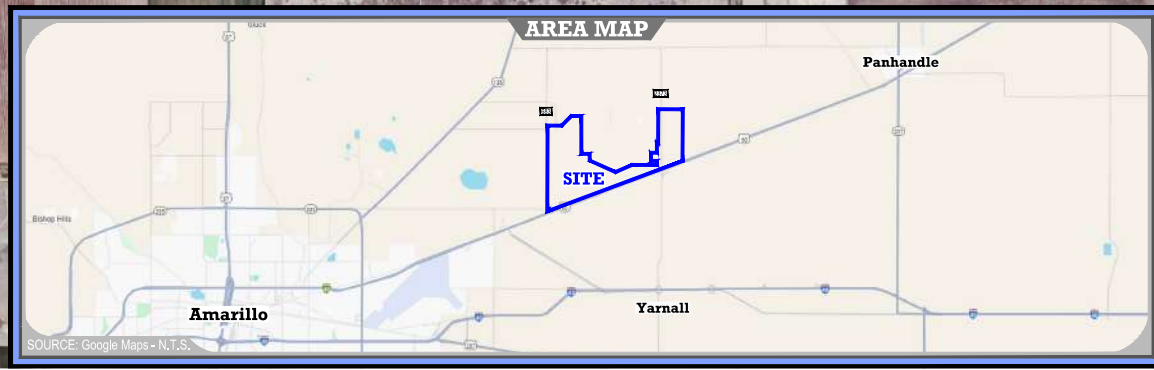
The enclosed Plot Plans, **Figures 1-2, 1-2A, and 1-2B**, shows the scale, north direction, two benchmark locations, all property lines, and all emission points associated with the facilities to be permitted in this application.





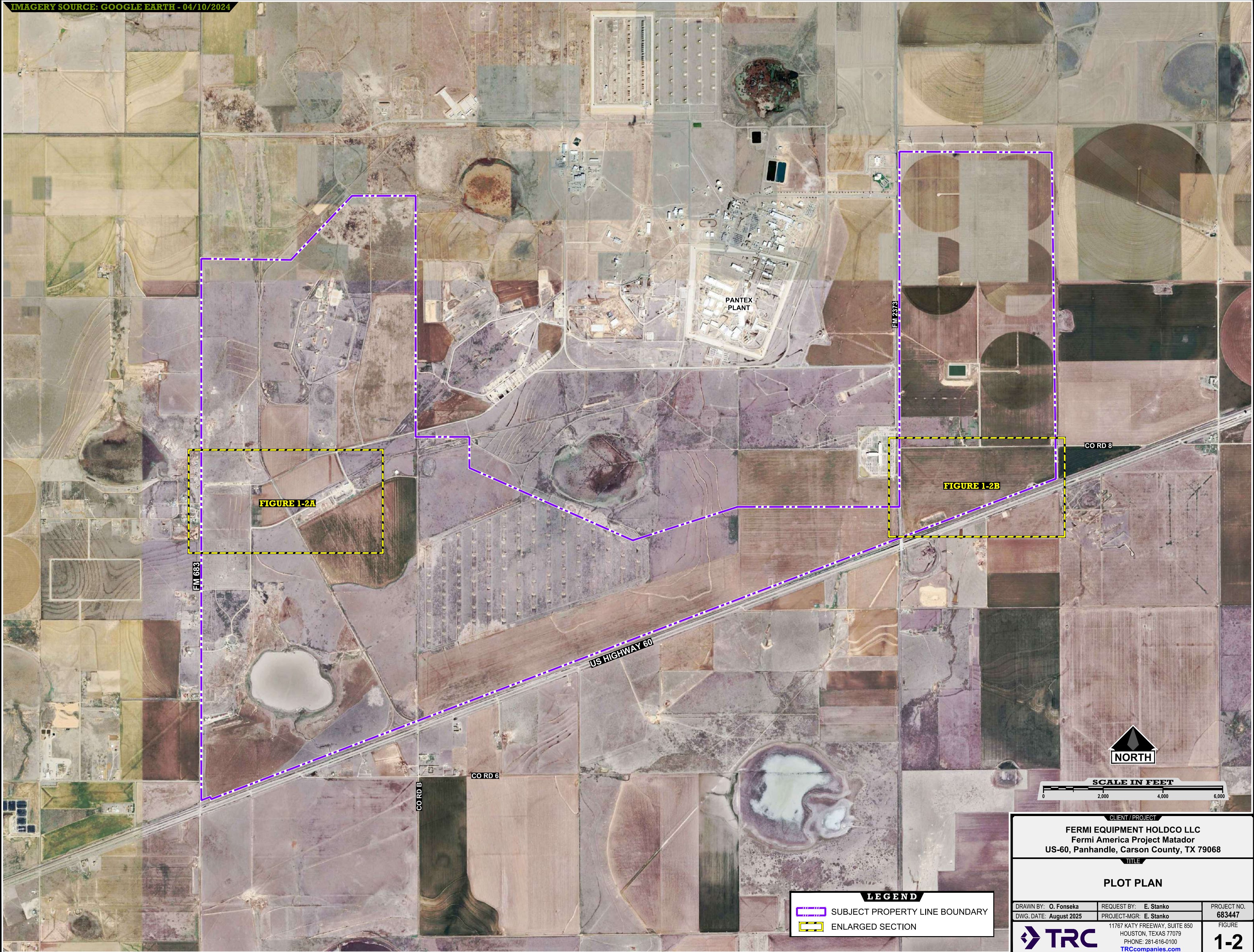
**LEGEND**

SUBJECT PROPERTY LINE BOUNDARY



|                                                                                                                                        |                        |                    |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|
| CLIENT / PROJECT                                                                                                                       |                        |                    |
| FERMI EQUIPMENT HOLDCO LLC<br>Fermi America Project Matador<br>US-60, Panhandle, Carson County, TX 79068                               |                        |                    |
| TITLE                                                                                                                                  |                        |                    |
| AREA MAP                                                                                                                               |                        |                    |
| DRAWN BY: O. Fonseca                                                                                                                   | REQUEST BY: E. Stanko  | PROJECT NO. 683447 |
| DWG. DATE: August 2025                                                                                                                 | PROJECT-MGR: E. Stanko | FIGURE 1-1         |
| 11767 KATY FREEWAY, SUITE 850<br>HOUSTON, TEXAS 77079<br>PHONE: 281-616-0100<br><a href="http://TRCcompanies.com">TRCcompanies.com</a> |                        |                    |



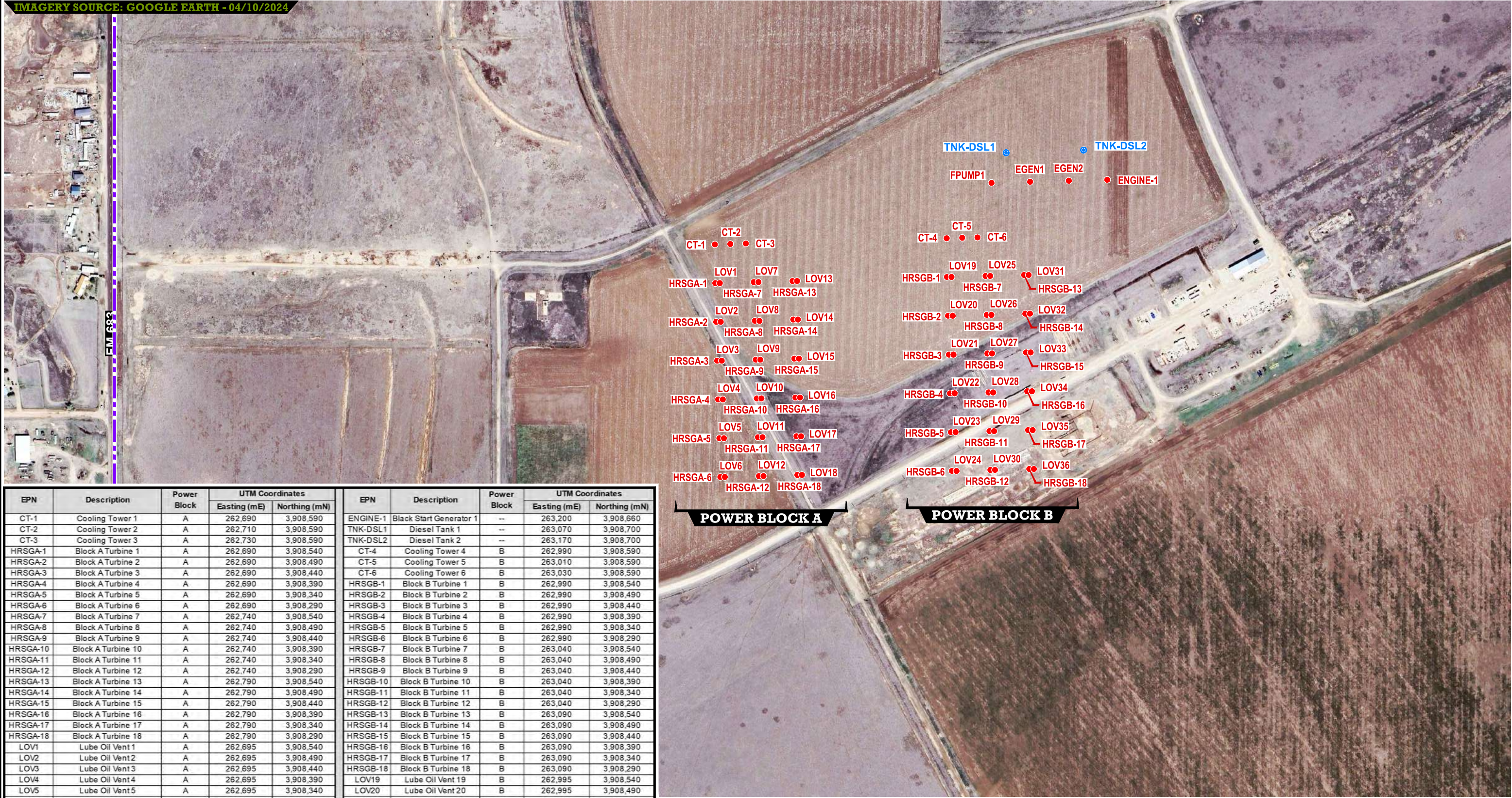


| LEGEND |                                |
|--------|--------------------------------|
|        | SUBJECT PROPERTY LINE BOUNDARY |
|        | ENLARGED SECTION               |

| CLIENT / PROJECT                                                                                                                       |                        |                       |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|
| FERMI EQUIPMENT HOLDCO LLC<br>Fermi America Project Matador<br>US-60, Panhandle, Carson County, TX 79068                               |                        |                       |
| TITLE                                                                                                                                  |                        |                       |
| PLOT PLAN                                                                                                                              |                        |                       |
| DRAWN BY: O. Fonseca                                                                                                                   | REQUEST BY: E. Stanko  | PROJECT NO.<br>683447 |
| DWG. DATE: August 2025                                                                                                                 | PROJECT-MGR: E. Stanko | FIGURE<br>1-2         |
| 11767 KATY FREEWAY, SUITE 850<br>HOUSTON, TEXAS 77079<br>PHONE: 281-616-0100<br><a href="http://TRCcompanies.com">TRCcompanies.com</a> |                        |                       |



IMAGERY SOURCE: GOOGLE EARTH - 04/10/2024



| EPN      | Description               | Power Block | UTM Coordinates |               |
|----------|---------------------------|-------------|-----------------|---------------|
|          |                           |             | Easting (mE)    | Northing (mN) |
| CT-1     | Cooling Tower 1           | A           | 262,690         | 3,908,590     |
| CT-2     | Cooling Tower 2           | A           | 262,710         | 3,908,590     |
| CT-3     | Cooling Tower 3           | A           | 262,730         | 3,908,590     |
| HRSGA-1  | Block A Turbine 1         | A           | 262,690         | 3,908,540     |
| HRSGA-2  | Block A Turbine 2         | A           | 262,690         | 3,908,490     |
| HRSGA-3  | Block A Turbine 3         | A           | 262,690         | 3,908,440     |
| HRSGA-4  | Block A Turbine 4         | A           | 262,690         | 3,908,390     |
| HRSGA-5  | Block A Turbine 5         | A           | 262,690         | 3,908,340     |
| HRSGA-6  | Block A Turbine 6         | A           | 262,690         | 3,908,290     |
| HRSGA-7  | Block A Turbine 7         | A           | 262,740         | 3,908,540     |
| HRSGA-8  | Block A Turbine 8         | A           | 262,740         | 3,908,490     |
| HRSGA-9  | Block A Turbine 9         | A           | 262,740         | 3,908,440     |
| HRSGA-10 | Block A Turbine 10        | A           | 262,740         | 3,908,390     |
| HRSGA-11 | Block A Turbine 11        | A           | 262,740         | 3,908,340     |
| HRSGA-12 | Block A Turbine 12        | A           | 262,740         | 3,908,290     |
| HRSGA-13 | Block A Turbine 13        | A           | 262,790         | 3,908,540     |
| HRSGA-14 | Block A Turbine 14        | A           | 262,790         | 3,908,490     |
| HRSGA-15 | Block A Turbine 15        | A           | 262,790         | 3,908,440     |
| HRSGA-16 | Block A Turbine 16        | A           | 262,790         | 3,908,390     |
| HRSGA-17 | Block A Turbine 17        | A           | 262,790         | 3,908,340     |
| HRSGA-18 | Block A Turbine 18        | A           | 262,790         | 3,908,290     |
| LOV1     | Lube Oil Vent 1           | A           | 262,695         | 3,908,540     |
| LOV2     | Lube Oil Vent 2           | A           | 262,695         | 3,908,490     |
| LOV3     | Lube Oil Vent 3           | A           | 262,695         | 3,908,440     |
| LOV4     | Lube Oil Vent 4           | A           | 262,695         | 3,908,390     |
| LOV5     | Lube Oil Vent 5           | A           | 262,695         | 3,908,340     |
| LOV6     | Lube Oil Vent 6           | A           | 262,695         | 3,908,290     |
| LOV7     | Lube Oil Vent 7           | A           | 262,745         | 3,908,540     |
| LOV8     | Lube Oil Vent 8           | A           | 262,745         | 3,908,490     |
| LOV9     | Lube Oil Vent 9           | A           | 262,745         | 3,908,440     |
| LOV10    | Lube Oil Vent 10          | A           | 262,745         | 3,908,390     |
| LOV11    | Lube Oil Vent 11          | A           | 262,745         | 3,908,340     |
| LOV12    | Lube Oil Vent 12          | A           | 262,745         | 3,908,290     |
| LOV13    | Lube Oil Vent 13          | A           | 262,795         | 3,908,540     |
| LOV14    | Lube Oil Vent 14          | A           | 262,795         | 3,908,490     |
| LOV15    | Lube Oil Vent 15          | A           | 262,795         | 3,908,440     |
| LOV16    | Lube Oil Vent 16          | A           | 262,795         | 3,908,390     |
| LOV17    | Lube Oil Vent 17          | A           | 262,795         | 3,908,340     |
| LOV18    | Lube Oil Vent 18          | A           | 262,795         | 3,908,290     |
| FPUMP1   | Fire System Pump Engine 1 | --          | 263,050         | 3,908,660     |
| EGEN1    | Emergency Generator 1     | --          | 263,100         | 3,908,660     |
| EGEN2    | Emergency Generator 2     | --          | 263,150         | 3,908,660     |

| EPN      | Description             | Power Block | UTM Coordinates |               |
|----------|-------------------------|-------------|-----------------|---------------|
|          |                         |             | Easting (mE)    | Northing (mN) |
| ENGINE-1 | Black Start Generator 1 | --          | 263,200         | 3,908,660     |
| TNK-DSL1 | Diesel Tank 1           | --          | 263,070         | 3,908,700     |
| TNK-DSL2 | Diesel Tank 2           | --          | 263,170         | 3,908,700     |
| CT-4     | Cooling Tower 4         | B           | 262,990         | 3,908,590     |
| CT-5     | Cooling Tower 5         | B           | 263,010         | 3,908,590     |
| CT-6     | Cooling Tower 6         | B           | 263,030         | 3,908,590     |
| HRSGB-1  | Block B Turbine 1       | B           | 262,990         | 3,908,540     |
| HRSGB-2  | Block B Turbine 2       | B           | 262,990         | 3,908,490     |
| HRSGB-3  | Block B Turbine 3       | B           | 262,990         | 3,908,440     |
| HRSGB-4  | Block B Turbine 4       | B           | 262,990         | 3,908,390     |
| HRSGB-5  | Block B Turbine 5       | B           | 262,990         | 3,908,340     |
| HRSGB-6  | Block B Turbine 6       | B           | 262,990         | 3,908,290     |
| HRSGB-7  | Block B Turbine 7       | B           | 263,040         | 3,908,540     |
| HRSGB-8  | Block B Turbine 8       | B           | 263,040         | 3,908,490     |
| HRSGB-9  | Block B Turbine 9       | B           | 263,040         | 3,908,440     |
| HRSGB-10 | Block B Turbine 10      | B           | 263,040         | 3,908,390     |
| HRSGB-11 | Block B Turbine 11      | B           | 263,040         | 3,908,340     |
| HRSGB-12 | Block B Turbine 12      | B           | 263,040         | 3,908,290     |
| HRSGB-13 | Block B Turbine 13      | B           | 263,090         | 3,908,540     |
| HRSGB-14 | Block B Turbine 14      | B           | 263,090         | 3,908,490     |
| HRSGB-15 | Block B Turbine 15      | B           | 263,090         | 3,908,440     |
| HRSGB-16 | Block B Turbine 16      | B           | 263,090         | 3,908,390     |
| HRSGB-17 | Block B Turbine 17      | B           | 263,090         | 3,908,340     |
| HRSGB-18 | Block B Turbine 18      | B           | 263,090         | 3,908,290     |
| LOV19    | Lube Oil Vent 19        | B           | 262,995         | 3,908,540     |
| LOV20    | Lube Oil Vent 20        | B           | 262,995         | 3,908,490     |
| LOV21    | Lube Oil Vent 21        | B           | 262,995         | 3,908,440     |
| LOV22    | Lube Oil Vent 22        | B           | 262,995         | 3,908,390     |
| LOV23    | Lube Oil Vent 23        | B           | 262,995         | 3,908,340     |
| LOV24    | Lube Oil Vent 24        | B           | 262,995         | 3,908,290     |
| LOV25    | Lube Oil Vent 25        | B           | 263,045         | 3,908,540     |
| LOV26    | Lube Oil Vent 26        | B           | 263,045         | 3,908,490     |
| LOV27    | Lube Oil Vent 27        | B           | 263,045         | 3,908,440     |
| LOV28    | Lube Oil Vent 28        | B           | 263,045         | 3,908,390     |
| LOV29    | Lube Oil Vent 29        | B           | 263,045         | 3,908,340     |
| LOV30    | Lube Oil Vent 30        | B           | 263,045         | 3,908,290     |
| LOV31    | Lube Oil Vent 31        | B           | 263,095         | 3,908,540     |
| LOV32    | Lube Oil Vent 32        | B           | 263,095         | 3,908,490     |
| LOV33    | Lube Oil Vent 33        | B           | 263,095         | 3,908,440     |
| LOV34    | Lube Oil Vent 34        | B           | 263,095         | 3,908,390     |
| LOV35    | Lube Oil Vent 35        | B           | 263,095         | 3,908,340     |
| LOV36    | Lube Oil Vent 36        | B           | 263,095         | 3,908,290     |

LEGEND

- SUBJECT PROPERTY LINE BOUNDARY
- POINT SOURCE (EPN)



CLIENT / PROJECT  
FERMI EQUIPMENT HOLDCO LLC  
Fermi America Project Matador  
US-60, Panhandle, Carson County, TX 79068

PLOT PLAN - WEST SECTION

|                                                                                                  |                         |                       |
|--------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| DRAWN BY: O. Fonseca                                                                             | REQUEST BY: N. Nussbaum | PROJECT NO.<br>683447 |
| DWG. DATE: August 2025                                                                           | PROJECT-MGR: E. Stanko  |                       |
| 11767 KATY FREEWAY, SUITE 850<br>HOUSTON, TEXAS 77079<br>PHONE: 281-616-0100<br>TRCcompanies.com |                         | FIGURE<br>1-2A        |





| LEGEND |                                |
|--------|--------------------------------|
|        | SUBJECT PROPERTY LINE BOUNDARY |
|        | POINT SOURCE (EPN)             |
|        | VOLUME SOURCE (EPN)            |

| EPN      | Description        | Power Block | UTM Coordinates |               | EPN      | Description               | Power Block | UTM Coordinates |               | EPN      | Description        | Power Block | UTM Coordinates |               | EPN      | Description        | Power Block | UTM Coordinates |               |
|----------|--------------------|-------------|-----------------|---------------|----------|---------------------------|-------------|-----------------|---------------|----------|--------------------|-------------|-----------------|---------------|----------|--------------------|-------------|-----------------|---------------|
|          |                    |             | Easting (mE)    | Northing (mN) |          |                           |             | Easting (mE)    | Northing (mN) |          |                    |             | Easting (mE)    | Northing (mN) |          |                    |             | Easting (mE)    | Northing (mN) |
| CT-7     | Cooling Tower 7    | C           | 269,120         | 3,908,500     | LOV49    | Lube Oil Vent 49          | C           | 269,225         | 3,908,500     | HRSGD-12 | Block D Turbine 12 | D           | 269,850         | 3,908,350     | HRSGE-5  | Block E Turbine 5  | E           | 270,300         | 3,908,600     |
| CT-8     | Cooling Tower 8    | C           | 269,140         | 3,908,500     | LOV50    | Lube Oil Vent 50          | C           | 269,225         | 3,908,450     | HRSGD-13 | Block D Turbine 13 | D           | 269,800         | 3,908,350     | HRSGE-6  | Block E Turbine 6  | E           | 270,350         | 3,908,600     |
| CT-9     | Cooling Tower 9    | C           | 269,160         | 3,908,500     | LOV51    | Lube Oil Vent 51          | C           | 269,225         | 3,908,400     | HRSGD-14 | Block D Turbine 14 | D           | 269,850         | 3,908,350     | HRSGE-7  | Block E Turbine 7  | E           | 270,100         | 3,908,550     |
| HRSGC-1  | Block C Turbine 1  | C           | 269,120         | 3,908,500     | LOV52    | Lube Oil Vent 52          | C           | 269,225         | 3,908,350     | HRSGD-15 | Block D Turbine 15 | D           | 269,700         | 3,908,350     | HRSGE-8  | Block E Turbine 8  | E           | 270,150         | 3,908,550     |
| HRSGC-2  | Block C Turbine 2  | C           | 269,120         | 3,908,450     | LOV53    | Lube Oil Vent 53          | C           | 269,225         | 3,908,300     | HRSGD-16 | Block D Turbine 16 | D           | 269,750         | 3,908,350     | HRSGE-9  | Block E Turbine 9  | E           | 270,200         | 3,908,550     |
| HRSGC-3  | Block C Turbine 3  | C           | 269,120         | 3,908,400     | LOV54    | Lube Oil Vent 54          | C           | 269,225         | 3,908,250     | HRSGD-17 | Block D Turbine 17 | D           | 269,800         | 3,908,350     | HRSGE-10 | Block E Turbine 10 | E           | 270,250         | 3,908,550     |
| HRSGC-4  | Block C Turbine 4  | C           | 269,120         | 3,908,350     | FPUMP2   | Fire System Pump Engine 2 | -           | 269,350         | 3,908,600     | HRSGD-18 | Block D Turbine 18 | D           | 269,850         | 3,908,350     | HRSGE-11 | Block E Turbine 11 | E           | 270,300         | 3,908,550     |
| HRSGC-5  | Block C Turbine 5  | C           | 269,120         | 3,908,300     | EGEN3    | Emergency Generator 3     | -           | 269,400         | 3,908,600     | LOV55    | Lube Oil Vent 55   | D           | 269,805         | 3,908,450     | HRSGE-12 | Block E Turbine 12 | E           | 270,350         | 3,908,550     |
| HRSGC-6  | Block C Turbine 6  | C           | 269,120         | 3,908,250     | EGEN4    | Emergency Generator 4     | -           | 269,450         | 3,908,600     | LOV56    | Lube Oil Vent 56   | D           | 269,855         | 3,908,450     | HRSGE-13 | Block E Turbine 13 | E           | 270,100         | 3,908,500     |
| HRSGC-7  | Block C Turbine 7  | C           | 269,170         | 3,908,500     | EGEN5    | Emergency Generator 5     | -           | 269,500         | 3,908,600     | LOV57    | Lube Oil Vent 57   | D           | 269,705         | 3,908,450     | HRSGE-14 | Block E Turbine 14 | E           | 270,150         | 3,908,500     |
| HRSGC-8  | Block C Turbine 8  | C           | 269,170         | 3,908,450     | EGEN6    | Emergency Generator 6     | -           | 269,550         | 3,908,600     | LOV58    | Lube Oil Vent 58   | D           | 269,755         | 3,908,450     | HRSGE-15 | Block E Turbine 15 | E           | 270,200         | 3,908,500     |
| HRSGC-9  | Block C Turbine 9  | C           | 269,170         | 3,908,400     | ENGINE-2 | Block Start Generator 2   | -           | 269,600         | 3,908,600     | LOV59    | Lube Oil Vent 59   | D           | 269,805         | 3,908,450     | HRSGE-16 | Block E Turbine 16 | E           | 270,250         | 3,908,500     |
| HRSGC-10 | Block C Turbine 10 | C           | 269,170         | 3,908,350     | NGFUG    | Natural Gas Fugitives     | -           | 269,750         | 3,908,550     | LOV60    | Lube Oil Vent 60   | D           | 269,855         | 3,908,450     | HRSGE-17 | Block E Turbine 17 | E           | 270,300         | 3,908,500     |
| HRSGC-11 | Block C Turbine 11 | C           | 269,170         | 3,908,300     | NH3FUG   | Ammonia Fugitives         | -           | 269,750         | 3,908,550     | LOV61    | Lube Oil Vent 61   | D           | 269,805         | 3,908,400     | HRSGE-18 | Block E Turbine 18 | E           | 270,350         | 3,908,500     |
| HRSGC-12 | Block C Turbine 12 | C           | 269,170         | 3,908,250     | MSSFUG   | MSS Fugitives             | -           | 269,750         | 3,908,550     | LOV62    | Lube Oil Vent 62   | D           | 269,855         | 3,908,400     | LOV73    | Lube Oil Vent 73   | E           | 270,105         | 3,908,600     |
| HRSGC-13 | Block C Turbine 13 | C           | 269,220         | 3,908,500     | FUG-SF6  | SF6 Fugitives             | -           | 269,750         | 3,908,550     | LOV63    | Lube Oil Vent 63   | D           | 269,705         | 3,908,400     | LOV74    | Lube Oil Vent 74   | E           | 270,155         | 3,908,600     |
| HRSGC-14 | Block C Turbine 14 | C           | 269,220         | 3,908,450     | TNK-DSL3 | Diesel Tank 3             | -           | 269,450         | 3,908,650     | LOV64    | Lube Oil Vent 64   | D           | 269,755         | 3,908,400     | LOV75    | Lube Oil Vent 75   | E           | 270,205         | 3,908,600     |
| HRSGC-15 | Block C Turbine 15 | C           | 269,220         | 3,908,400     | TNK-DSL4 | Diesel Tank 4             | -           | 269,500         | 3,908,650     | LOV65    | Lube Oil Vent 65   | D           | 269,805         | 3,908,400     | LOV76    | Lube Oil Vent 76   | E           | 270,255         | 3,908,600     |
| HRSGC-16 | Block C Turbine 16 | C           | 269,220         | 3,908,350     | CT-10    | Cooling Tower 10          | D           | 269,600         | 3,908,550     | LOV66    | Lube Oil Vent 66   | D           | 269,855         | 3,908,400     | LOV77    | Lube Oil Vent 77   | E           | 270,305         | 3,908,600     |
| HRSGC-17 | Block C Turbine 17 | C           | 269,220         | 3,908,300     | CT-11    | Cooling Tower 11          | D           | 269,620         | 3,908,550     | LOV67    | Lube Oil Vent 67   | D           | 269,805         | 3,908,350     | LOV78    | Lube Oil Vent 78   | E           | 270,355         | 3,908,600     |
| HRSGC-18 | Block C Turbine 18 | C           | 269,220         | 3,908,250     | CT-12    | Cooling Tower 12          | D           | 269,640         | 3,908,550     | LOV68    | Lube Oil Vent 68   | D           | 269,855         | 3,908,350     | LOV79    | Lube Oil Vent 79   | E           | 270,105         | 3,908,550     |
| LOV37    | Lube Oil Vent 37   | C           | 269,125         | 3,908,500     | HRSGD-1  | Block D Turbine 1         | D           | 269,800         | 3,908,450     | LOV69    | Lube Oil Vent 69   | D           | 269,705         | 3,908,350     | LOV80    | Lube Oil Vent 80   | E           | 270,155         | 3,908,550     |
| LOV38    | Lube Oil Vent 38   | C           | 269,125         | 3,908,450     | HRSGD-2  | Block D Turbine 2         | D           | 269,650         | 3,908,450     | LOV70    | Lube Oil Vent 70   | D           | 269,755         | 3,908,350     | LOV81    | Lube Oil Vent 81   | E           | 270,205         | 3,908,550     |
| LOV39    | Lube Oil Vent 39   | C           | 269,125         | 3,908,400     | HRSGD-3  | Block D Turbine 3         | D           | 269,700         | 3,908,450     | LOV71    | Lube Oil Vent 71   | D           | 269,805         | 3,908,350     | LOV82    | Lube Oil Vent 82   | E           | 270,255         | 3,908,550     |
| LOV40    | Lube Oil Vent 40   | C           | 269,125         | 3,908,350     | HRSGD-4  | Block D Turbine 4         | D           | 269,750         | 3,908,450     | LOV72    | Lube Oil Vent 72   | D           | 269,855         | 3,908,350     | LOV83    | Lube Oil Vent 83   | E           | 270,305         | 3,908,550     |
| LOV41    | Lube Oil Vent 41   | C           | 269,125         | 3,908,300     | HRSGD-5  | Block D Turbine 5         | D           | 269,800         | 3,908,450     | CT-13    | Cooling Tower 13   | E           | 270,100         | 3,908,700     | LOV84    | Lube Oil Vent 84   | E           | 270,355         | 3,908,550     |
| LOV42    | Lube Oil Vent 42   | C           | 269,125         | 3,908,250     | HRSGD-6  | Block D Turbine 6         | D           | 269,850         | 3,908,450     | CT-14    | Cooling Tower 14   | E           | 270,120         | 3,908,700     | LOV85    | Lube Oil Vent 85   | E           | 270,105         | 3,908,500     |
| LOV43    | Lube Oil Vent 43   | C           | 269,175         | 3,908,500     | HRSGD-7  | Block D Turbine 7         | D           | 269,800         | 3,908,400     | CT-15    | Cooling Tower 15   | E           | 270,140         | 3,908,700     | LOV86    | Lube Oil Vent 86   | E           | 270,155         | 3,908,500     |
| LOV44    | Lube Oil Vent 44   | C           | 269,175         | 3,908,450     | HRSGD-8  | Block D Turbine 8         | D           | 269,850         | 3,908,400     | HRSGE-1  | Block E Turbine 1  | E           | 270,100         | 3,908,600     | LOV87    | Lube Oil Vent 87   | E           | 270,205         | 3,908,500     |
| LOV45    | Lube Oil Vent 45   | C           | 269,175         | 3,908,400     | HRSGD-9  | Block D Turbine 9         | D           | 269,700         | 3,908,400     | HRSGE-2  | Block E Turbine 2  | E           | 270,150         | 3,908,600     | LOV88    | Lube Oil Vent 88   | E           | 270,255         | 3,908,500     |
| LOV46    | Lube Oil Vent 46   | C           | 269,175         | 3,908,350     | HRSGD-10 | Block D Turbine 10        | D           | 269,750         | 3,908,400     | HRSGE-3  | Block E Turbine 3  | E           | 270,200         | 3,908,600     | LOV89    | Lube Oil Vent 89   | E           | 270,305         | 3,908,500     |
| LOV47    | Lube Oil Vent 47   | C           | 269,175         | 3,908,300     | HRSGD-11 | Block D Turbine 11        | D           | 269,800         | 3,908,400     | HRSGE-4  | Block E Turbine 4  | E           | 270,250         | 3,908,600     | LOV90    | Lube Oil Vent 90   | E           | 270,355         | 3,908,500     |
| LOV48    | Lube Oil Vent 48   | C           | 269,175         | 3,908,250     |          |                           |             |                 |               |          |                    |             |                 |               |          |                    |             |                 |               |

CLIENT / PROJECT

FERMI EQUIPMENT HOLDCO LLC  
Fermi America Project Matador  
US-60, Panhandle, Carson County, TX 79068

TITLE

PLOT PLAN - EAST SECTION

|                        |                         |                       |
|------------------------|-------------------------|-----------------------|
| DRAWN BY: O. Fonseca   | REQUEST BY: N. Nussbaum | PROJECT NO.<br>683447 |
| DWG. DATE: August 2025 | PROJECT-MGR: E. Stanko  |                       |
|                        |                         | FIGURE<br>1-2B        |

11767 KATY FREEWAY, SUITE 850  
HOUSTON, TEXAS 77079  
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## Section 2

# Application Materials

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This application has been prepared in accordance with 30 TAC Chapter 116, Subchapter B. A completed Excel workbook Form PI-1 General Application (version 6.1) with additional support information is included in this submittal.

### 2.1 TCEQ Forms and Information

All supporting documentation required for the air quality permit application is provided in this application in accordance with Texas Commission on Environmental Quality (TCEQ) guidance. A discussion of Project emission rates, federal permitting applicability, public notice applicability, professional engineer certification, permit fee and expedited permitting are provided in Sections 2.2 through 2.7 of this section, respectively.

A project description and process flow diagram are presented in Section 3. Emission calculations are described in Section 4 of this application. A discussion of Best Available Control Technology (BACT) is provided in Section 5 and in the *TCEQ Form PI-1 General Application*. Identification of applicable regulatory requirements and compliance with these requirements is demonstrated in Section 6 (State Regulatory Requirements) and Section 7 (Federal Regulatory Requirements). To assist in the review of this submittal, the following appendices are included:

#### 2.1.1 Administrative Tables and Forms (Appendix A)

Appendix A of this application contains the following TCEQ Permit Application Forms and items required to complete the permit application:

- Form PI-1 General Application; Excel workbook file (version 6.1)
- TCEQ Core Data Form
- Form APD-EXP Expedited Permitting Request
- Form APD-APS Air Permitting Surcharge Payment
- TCEQ Plain Language Summary for New Source Review (NSR) Initial Permits; English and Spanish
- TCEQ Public Involvement Plan (PIP) Form
- TCEQ Table 2 *Material Balance*
- TCEQ Table 7(a) *Vertical Fixed Roof Storage Tank Summary*



- TCEQ Table 29 *Reciprocating Engines*
- TCEQ Table 31 *Combustion Turbines*
- TCEQ Table 1F *Air Quality Application Supplement*
- TCEQ Table 2F *Project Emissions Increase Supplement*
- TCEQ Fugitive Emission Calculations; Excel workbook file (version 2.1)

### **2.1.2 Emission Calculations (Appendix B)**

Appendix B of this application contains detailed emission calculations and emission rate summary tables used in support of the permit application.

### **2.1.3 BACT Supporting Documents (Appendix C)**

A summary of RACT/BACT/LAER Clearinghouse (RBLC) permit limits for applicable pollutants from similar facilities is provided in Appendix C of this application.

### **2.1.4 PSD Modeling Protocol and EMEW (Appendix D)**

Appendix D of this application contains the PSD Air Dispersion Modeling Protocol and Electronic Modeling Evaluation Workbook (EMEW) for Non-SCREEN3 (version 3.0) submitted in support of the application. A final AQA and modeling report will be submitted after consultation with TCEQ.

### **2.1.5 Professional Engineer Certification (Appendix E)**

Appendix E of this application contains the Professional Engineer (P.E.) Certification.

## **2.2 Sitewide Emissions to be Authorized**

A summary of the MAER for the sources to be permitted is provided in the Unit Types – Emission Rates section of the Form PI-1 General Application, which reflects the site-wide summary of emission sources.

## **2.3 Federal Permitting Applicability**

The Project will be located in Carson County, Texas. Carson County is designated as attainment or unclassifiable area for all criteria pollutants. Therefore, Nonattainment New Source Review (NNSR) applicability is not required for this Project. The PSD applicability is discussed in Section 2.3.1.



### 2.3.1 PSD Applicability

The Project is a fossil fuel-fired steam electric plant and is a listed PSD source category in 40 Code of Federal Regulations (CFR) §52.21(b)(1)(i) and therefore the PSD applicability threshold is 100 tons per year (tpy) of a regulated PSD pollutant. The Project will have potential to emit over 100 tpy of a regulated PSD pollutant and is a major stationary source with respect to 40 CFR 52.21(b)(1)(i).

**Table 2-1** provides a summary of PSD applicability determination for each non-GHG NSR pollutant. The Project increases are shown on the respective Table 1F (Air Quality Application Supplement) and Table 2F (Project Emission Increase) provided in Appendix A of this application. As shown on Table 1F, the Project exceeds PSD major source thresholds for VOC and NO<sub>x</sub> emissions as ozone precursors, CO, PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>x</sub>, and SO<sub>2</sub>. Therefore, the Project triggers PSD review for non-GHG NSR regulated pollutants.

**Table 2-1 Federal PSD Applicability**

| Air Contaminant Name | Potential to Emit (PTE) Annual Emissions (tpy) | PSD Major Source Threshold (tpy) | PSD Applicable (Yes/No) |
|----------------------|------------------------------------------------|----------------------------------|-------------------------|
| VOC                  | 581.75                                         | 100                              | Yes                     |
| CO                   | 2,140.86                                       | 100                              | Yes                     |
| NO <sub>x</sub>      | 1,591.48                                       | 100                              | Yes                     |
| SO <sub>2</sub>      | 282.28                                         | 100                              | Yes                     |
| PM <sub>10</sub>     | 1,025.80                                       | 100                              | Yes                     |
| PM <sub>2.5</sub>    | 976.69                                         | 100                              | Yes                     |

**Table 2-2** provides a summary of GHG PSD applicability determination. The emissions of CO<sub>2</sub>e exceed the 75,000 tpy significance level for GHG; therefore, the Project is required to obtain a PSD permit for GHG. This application also includes the information necessary for TCEQ review of the GHG PSD permit application.

**Table 2-2 GHG PSD Applicability**

| Air Contaminant Name | Potential to Emit (PTE) Annual Emissions (tpy) | PSD Major Source Threshold (tpy) | PSD Applicable (Yes/No) |
|----------------------|------------------------------------------------|----------------------------------|-------------------------|
| CO <sub>2</sub> e    | 23,584,211.38                                  | 75,000                           | Yes                     |



### **2.3.2 Hazardous Air Pollutants (HAPs)**

Major sources thresholds for hazardous air pollutants (HAPs) are 10 tons or more of any individual HAP, or 25 tons or more of any combination of HAPs. The Project will have the potential to emit (PTE) 10 tons or more of any individual HAP, and 25 tons or more of any combination of HAPs, and therefore this Project is a major source for HAPs.

Project Matador is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories promulgated under 40 CFR Part 63 (Maximum Achievable Control Technologies [MACT] Standards) as detailed in Section 6 of this application. There are no NESHAPS (40 CFR Part 61) promulgated by the EPA pursuant to Section 112 of the Federal Clean Air Act (FCAA) that apply to this Project, and therefore Project Matador is not subject to FCAA §112(g) permitting.

## **2.4 Public Notice Applicability**

The Project is subject to public notice requirements in accordance with 30 TAC §116.131 for the new permit application. Fermi America will comply with all public notification requirements in accordance with 30 TAC Chapter 39.

## **2.5 Professional Engineer's Certification**

The estimated capital costs associated with the Project are greater than \$2,000,000. Therefore, a professional engineer's certification is included in Appendix E.

## **2.6 Permit Fee**

The permit fee for this Project is \$75,000. The *Form PI-1 General Application* does not include the total estimated capital costs, and the capital costs associated with the Project are greater than \$2,000,000. Therefore, pursuant to 30 TAC §116.141(d), a fee of \$75,000 is being submitted if no estimate of capital project cost is included with a permit application. The permit fee has been paid online through the TCEQ ePay system during the online submission via the State of Texas Environmental Electronic Reporting System (STEERS) for E-Permitting.

## **2.7 Request for Expedited Processing**

Pursuant to 30 TAC §§101.600 – 602, Fermi America respectfully requests expedited processing of this permit application. The Project represents a significant capital investment through the development of next-generation data and AI infrastructure while also fulfilling regional economic development and job creation imperatives. Furthermore, Fermi America's role in enabling advanced data modeling, AI learning platforms, and national security-related compute capabilities aligns with federal Executive Orders (EO) calling for AI ecosystem reliability, clean



infrastructure buildout, and strategic grid modernization (e.g., EO 14017 and EO 14110). As required, a completed Form APD-EXP Expedited Permit Request, Form APD-APS Air Permitting Surcharge Payment Form, and payment in the amount of \$20,000 for the expedited surcharge fee is included with this request.



## Section 3

# Process Description

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With this application, Fermi America proposes to construct and operate a new natural gas-fired power plant consisting of CCCT generators. The CCCT generators will produce electricity to power an on-property hyperscale data center campus. The electricity produced will be used exclusively on-site for the high-performance data center and will not be sold to the local utility power grid.

The Project will consist of the installation of fifteen (15) 6-on-1 combined cycle combustion turbine (CCCT) generator configurations. Each 6-on-1 CCCT will be equipped with six heat HRSGs. The HRSGs will not have supplemental duct burners. In the 6-on-1 configuration, steam from the six (6) HRSGs will serve a single steam turbine generator. The 15 CCCT configurations will be comprised of 90 Siemens Energy SGT-800 combustion turbines, 15 steam turbines and ancillary equipment arranged in five power blocks. Exhaust gases from each CT will pass through the associated HRSG and an exhaust stack. Therefore, each CCCT will have six associated emission points. The Project's nominal generation capacity will be approximately 6,000 MW. The turbines will be fired exclusively with pipeline quality natural gas.

The Project will consist of the following primary equipment:

- Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines, rated at nominal capability of 56 MW each, and HRSGs equipped with SCR and an oxidation catalyst system for emissions control.

Ancillary equipment and emission sources associated with the Project include:

- Two (2) ULSD-fired engine generators used for black start capability. Each engine is rated at nominal capability of 2,000 kW;
- Six (6) ULSD-fired emergency generator engines (RICE) rated at approximately 4,500 horsepower (HP) each;
- Two (2) ULSD emergency fire suppression system pumps rated at approximately 350 HP each;
- Four (4) ULSD storage tanks with a capacity of 25,000 gallons each;
- Fifteen (15) cooling towers with a cooling spray rate of 100,000 gpm each;
- Combustion lube oil recirculation systems with lube oil vents for each CTG;



- Piping component fugitive emissions from the natural gas system;
- Piping component fugitive emissions from the SCR ammonia system;
- Maintenance activities on the turbines; and
- SF<sub>6</sub> insulated electrical equipment.

Details regarding the equipment to be permitted follow. A process flow diagram (**Figure 3-1**) is included in this section.

### 3.1 Combined Cycle Combustion Turbines

The main components of the CCTGs consist of a compressor, combustor, turbine, HRSG, and electric generators. Filtered ambient air is drawn into the compressor section of the CTG. During periods of warm to hot ambient temperatures, the temperature of the inlet air to the CTG may be lowered by using dry air inlet coolers to increase the mass air flow through the turbine and maintain turbine power output. There are no air emissions associated with the dry inlet air coolers. The plant will also install water-based cooling towers to cool the heat exchangers.

Natural gas is mixed with the compressed inlet air and combusted in the combustor section of the CTG. Dry low-NO<sub>x</sub> (DLN) combustors are used to reduce the NO<sub>x</sub> emissions generated in the combustion process. Hot exhaust gases then enter the expansion turbine where the gases expand across the turbine, which generates torque that causes rotation of the turbine shaft. The shaft drives the compressor section of the unit and spins a dedicated electric generator, producing electricity.

Each 6-on-1 CCCT will be equipped with six HRSGs that increase the power-generating capability of the units. Since the exhaust gases exiting the turbine blade stages are at temperatures significantly above ambient conditions, they represent additional available energy. The turbine exhaust from each turbine is routed to a HRSG; however, no duct burners will be installed. Steam produced by the HRSGs is expanded through a steam turbine to drive another electro-magnetic generator, creating additional electricity. Exhaust from the steam generator is then sent to a condenser to condense the steam and reduce the water temperature for re-use in the steam cycle.

A conventional SCR system, using a 19-percent solution of aqueous ammonia as the reagent, will be used to control NO<sub>x</sub> emissions from the turbines. The systems will be comprised of aqueous ammonia storage and handling equipment, ammonia injection grids, and catalysts beds.



The combined cycle turbines will be equipped with an oxidation catalyst system to minimize CO and organic HAP emissions. The oxidation catalyst system will be comprised of catalyst bed modules and will be installed at the location where exhaust temperatures will optimize CO reduction reactions.

### **3.2 CTG Startup and Shutdown Activities**

Startup and Shutdown (SUSD) of the combined cycle combustion turbines will be part of the planned operations of the Project. For the turbines, Fermi America proposes to use the following language for the startup and shutdown definitions:

- A planned startup is defined as the period starting with first combustion of fuel and ending when the combustion turbine output reaches minimum emissions compliant load (MECL) and compliance with the routine emission limits is achieved, which can vary based on ambient conditions. A planned startup shall not exceed 60 minutes.
- A planned shutdown is defined as the period from MECL to flame out. A planned shutdown shall not exceed 60 minutes.

During planned SUSD periods, emissions may be released from the combustion turbines at higher rates than during normal operations. During startup, higher NO<sub>x</sub> and CO emissions may be produced when the turbines are outside the temperatures and performance mode where the catalytic control systems can be used. Additionally, higher CO and VOC emissions during SUSD may result due to less complete combustion as the CTG transitions to its normal operating mode. As such, this application includes proposed SUSD emissions rates for NO<sub>x</sub>, CO, and VOC emissions from the CTG sources.

To ensure operational independence, the Project will incorporate black-start capability, enabled by two black start engine generators. In a black-start and initial plant startup scenario, the black start generators will be activated to feed power to the first CTG, which ramps up to the MECL sufficient for startup of next CTG in sequence. This sequence is repeated until all units are online and operating in normal mode.

### **3.3 Black Start Generators**

The Project will include two (2) black start generators that will be used for supplemental power generation, as needed, and to support the CTG startup activities. The engine generators will be fired exclusively with ULSD. The supplemental generators are rated at a nominal capability of 2.0 kW of electrical power, each certified to EPA Tier 3 emission standards, and the annual emissions are based on approximately 100 hours per year for black start capability.



### **3.4 Emergency Engines**

The Project will include six (6) ULSD emergency generator engines to provide electric power during emergencies. The emergency generator sets have a standby rating of 3,300 kW (4,500 HP), each certified to EPA Tier 3 emission standards. The engines will be operated for a maximum of 100 hours per year per engine for non-emergency purposes, including maintenance and readiness testing.

The Project will include two (2) ULSD engine-driven emergency fire suppression system pumps to provide fire protection for the plant. The fire system pump engines have a standby rating of 227 kW (350 HP), each certified to EPA Tier 3 emission standards. The engines will be operated for a maximum of 100 hours per year per engine for maintenance and readiness testing.

### **3.5 ULSD Storage Tanks**

The Project will include four (4) ULSD storage tanks with a capacity of 25,000 gallons each to store ULSD fuel for black start generators, emergency generator engines and fire suppression system pumps.

### **3.6 Cooling Towers**

The Project will utilize fifteen (15) cooling towers for evaporative cooling of the heat exchangers.

- Fifteen (15) units with a cooling spray water rate of 100,000 gallon per minute (gpm) will be used to support the Siemens SGT-800 combustion turbine operations; and

Additionally, dry inlet-air coolers (non-water based) will be used to cool the inlet air of the gas turbine in order to improve the combustion turbine power output and heat rate. There are no emissions associated with the dry inlet air coolers.

### **3.7 Combustion Lube Oil Recirculation System Vents**

The combustion turbines will be equipped with dedicated closed-loop lube oil recirculation systems to lubricate the moving parts. Lubricating oil will be circulated through the turbine's machinery from the oil sump, and the heating of recirculating lube oil in the turbine and generator housings will create oil vapor and oil droplets in the oil reservoir compartments. Emissions of condensed lube oil droplets from the lube oil systems will be exhausted through vapor extraction vents serving the units, and these emissions will be controlled with mist eliminators.



### 3.8 Natural Gas System

Natural gas will be delivered to the site via pipeline, metered, and piped to the CTGs. Fugitive emissions from the natural gas piping components (i.e., valves, flanges) include emissions of methane (CH<sub>4</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), VOC, and carbon dioxide (CO<sub>2</sub>) due to potential equipment leaks.

### 3.9 Ammonia SCR Delivery System

Aqueous ammonia at a concentration of 19-percent will be stored in pressurized tanks that will be designed to maintain sufficient pressure to prevent a loss of ammonia to the atmosphere during normal operations. The system may be equipped with pressure relief valves for safety reasons to prevent an over-pressure condition. Aqueous ammonia will be delivered by tanker truck to the pressurized tanks. During filling of the tank, ammonia vapors will be returned to the tanker truck as the storage tank is filled. Piping and fittings associated with the tank and other components of the system delivering ammonia to the SCR system will be sources of fugitive emissions.

### 3.10 Maintenance Activities

Fermi America may perform the following planned maintenance activities on the turbines, which are inherently low emitting (ILE) activities that may generate fugitive emissions:

- Air intake filter maintenance;
- Continuous emissions monitoring system (CEMS) calibrations;
- Inspection, repair, replacement, adjusting, testing, and calibration of analytical equipment and process instrumentation including site glasses, meters, gauges;
- Management of sludge;
- Small equipment maintenance – low vapor pressure VOC;
- Small equipment maintenance – ammonia;
- Online and offline turbine washing; and
- Gaseous fuel venting during turbine shutdown/maintenance and small equipment and fugitive component repair/replacement.

Emissions from the planned ILE maintenance activities associated with equipment are identified as EPN: MSSFUG. Fermi America may also perform combustion turbine optimization, tuning and testing; and online turbine washing, which are planned maintenance activities that release emissions from the CTG stacks. Maximum hourly and total annual emissions associated with combustion turbine optimization, tuning and testing; and online



turbine washing are no higher than the emission rates requested in this application for normal or planned SUSD operations, and are already included in the MAER estimated for the combined cycle combustion turbines.

### **3.11 Sulfur Hexafluoride Insulated Equipment**

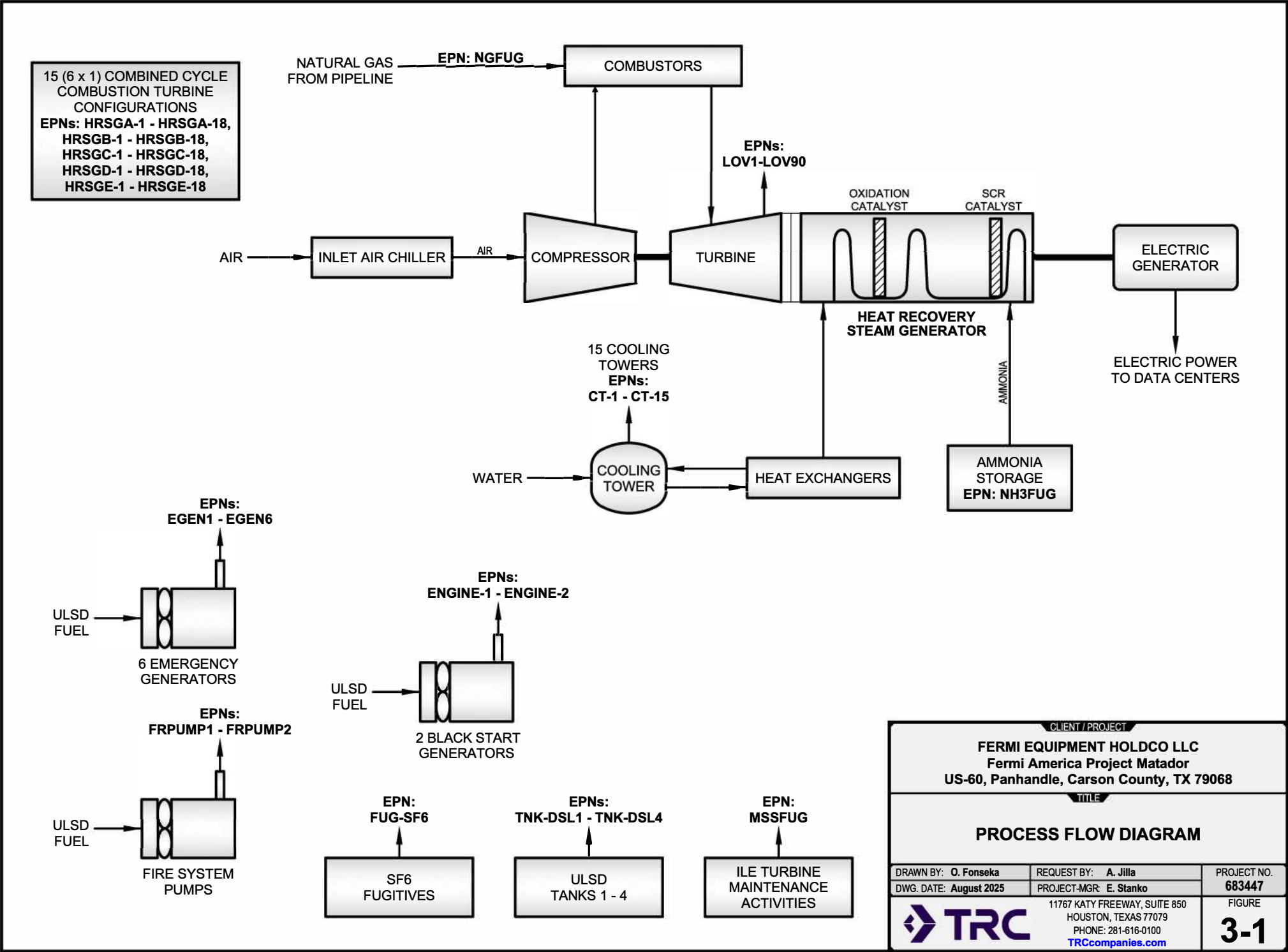
Certain electrical equipment such as generator circuit breakers and high voltage breakers associated with the units will be insulated with sulfur hexafluoride (SF<sub>6</sub>). Sulfur hexafluoride (SF<sub>6</sub>) is a colorless, odorless, non-flammable gas. It is a synthetic fluorinated compound that has an extremely stable molecular structure. The unique chemical properties of SF<sub>6</sub> make it an efficient electrical insulator. The gas is used for electrical insulation, arc quenching, and current interruption in high-voltage electrical equipment. Sulfur hexafluoride (SF<sub>6</sub>) is only used in sealed and safe systems, which under normal circumstances do not leak gas. The circuit breakers associated with the units are estimated to contain 162,500 pounds of SF<sub>6</sub>. The circuit breakers will have a low-pressure alarm and a low-pressure lockout. The alarm will alert operating personnel of any leakage in the system and the lockout prevents any operation of the breaker in the event there is a lack of “quenching and cooling” SF<sub>6</sub> gas.

### **3.12 Project Construction and Commissioning**

The Project will be constructed in phases to support the start-up and growth of the data center campus. Construction and commissioning activities for the power generation facilities will occur in phases over several years. The Project development plan targets commissioning the plant in five (5) power blocks approximately every twelve months, which will be dependent on the availability and delivery of the CTGs. Fermi America will comply with the required notifications related to reporting on construction progress in accordance with 30 TAC § 116.115(b)(2)(A), start-up notification requirements for the commencement of operations for each unit of phased construction, which may involve units commencing operations at different times in accordance with 30 TAC §116.115(b)(2)(B), and the regulatory requirements for continuous construction in accordance with 30 TAC §116.120(a).

Commissioning activities will include combustion shakedown and initial operational and contractual testing and tuning to ensure the safe, efficient, and reliable operation of the electric generating facilities. Shakedown is the period beginning with initial CTG startup and ending no later than initial performance testing to ensure the performance specifications and concentration limits of the Project are met. The one-time commissioning and shakedown period for each CTG will not exceed the time period for performance testing as specified in 40 CFR § 60.8. The proposed performance specifications, concentration limits, and emission rate limits do not apply to commissioning activities during which initial operational and contractual testing, tuning, boil-out, shakedown, and other activities may occur during this one-time period.





## Section 4

# Basis for Emission Calculations

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This section presents the basis and emission calculation methodology for the sources to be authorized in this permit application. Detailed calculations are provided in Appendix B of this application. The TCEQ Form PI-1 General Application is included with this application, which provides the maximum hourly and annual emission rates in pounds per hour (lb/hr) and tons per year (tpy), respectively, in the Unit Types – Emission Rates section.

### 4.1 Combustion Turbines (EPNs: HRGSA-1 through HRSGE-18)

The Project equipment to be permitted will include:

- Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines, rated at nominal capability of 56 MW each, and HRSGs equipped with SCR and an oxidation catalyst system for emissions control (EPNs HRGSA-1 through HRSGE-18).

The combined-cycle CTGs will be fired with pipeline-quality natural gas. Products of combustion from the CTGs will include NO<sub>x</sub>, CO, VOC, SO<sub>2</sub>, PM (which includes PM<sub>10</sub> and PM<sub>2.5</sub>), and sulfuric acid mist (H<sub>2</sub>SO<sub>4</sub>). The CTGs will also emit NH<sub>3</sub> as a result of the SCR technology used to control NO<sub>x</sub> emissions to meet Best Available Control Technology (BACT) requirements. NH<sub>3</sub> from the SCR systems will react with H<sub>2</sub>SO<sub>4</sub> to form ammonium sulfate [(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>] particulates (PM) in the SCR and catalyst bed. The CTGs' combustion emissions will vent to the atmosphere via the CTG exhaust stacks.

This application presents maximum emissions that were calculated using data provided by Siemens Energy and application of BACT.

For all CTGs, maximum short-term emissions during periods other than SUSD (including during periods of full and reduced load operations) were calculated at various ambient conditions and load scenarios for each turbine OEM. Additionally, maximum annual emissions due to the combined contributions from all modes of operation were calculated based on maximum emission rates estimated for normal and SUSD operations and the frequencies of SUSD operations.

The following is a summary of emissions performance assumptions used in calculating the maximum mass emission rates associated with normal operation of the turbines:



- The CTGs will be equipped with DLN combustors and SCR to achieve controlled emissions of NO<sub>x</sub> to 2.0 parts per million by volume, dry basis (ppmvd) at 15% O<sub>2</sub>, calculated on a 24-hour basis. This low NO<sub>x</sub> emission limit can be achieved at an ammonia slip level of 5.0 ppmvd at 15% O<sub>2</sub> (annual average) and the hourly ammonia slip level is 10.0 ppmvd at 15% O<sub>2</sub>.
- Each turbine will be equipped with an oxidation catalyst to limit emissions of organic pollutants. VOC will be limited to concentrations of 2.0 ppmvd at 15% O<sub>2</sub> (as methane), calculated on a three-hour basis, as provided by the vendor.
- NH<sub>3</sub> slip from the SCR system will be limited to short-term concentrations of 10 ppmvd at 15% O<sub>2</sub>, calculated on a three-hour basis, and 5 ppmvd at 15% O<sub>2</sub> on an annual basis, as provided by the vendor.
- CO will be limited to concentrations of 4.0 ppmvd at 15% O<sub>2</sub>, calculated on a three-hour basis and an oxidation catalyst will be used for emissions control.
- Natural gas fuel sulfur content will be limited to 0.5 grains per 100 standard cubic foot (scf), which will limit turbine emissions of SO<sub>2</sub>, H<sub>2</sub>SO<sub>4</sub>, and particulate matter (PM, PM<sub>10</sub> and PM<sub>2.5</sub>).
- The PM, PM<sub>10</sub> and PM<sub>2.5</sub> emissions are based on vendor provided emission rates, which include both the front half and back half formation (filterable and condensable) as well as a secondary formation of ammonium sulfate (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>.
- H<sub>2</sub>SO<sub>4</sub> emissions were calculated using a vendor-provided estimate of a 10% molar conversion ratio of SO<sub>2</sub> to SO<sub>3</sub>- in the SCR and catalyst bed, based on data provided by vendor and conservatively assuming each SO<sub>3</sub>- molecule forms one H<sub>2</sub>SO<sub>4</sub> molecule. Additionally, it was assumed each SO<sub>3</sub>- molecule may form 1 ammonium sulfate (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> molecule, which is a particulate. This was added to the PM emission factor from the vendor for a conservative estimate of total particulate emissions.
- Formaldehyde emissions were calculated based on an outlet stack concentration of 91 parts per billion by volume, dry basis (ppbvd) at 15% O<sub>2</sub>, as required by 40 CFR Part 63 Subpart YYY Table 1.
- The VOC speciated emissions were calculated based on AP-42 Section 3.1, Stationary Gas Turbines (April 2000).

The maximum hourly emissions were calculated based on the maximum heat input rating of turbines, and annual emissions were based on 8,760 annual operating hours. Siemens SGT-800 CTG performance data and emissions at various steady state loads, ambient temperatures, and operating conditions are provided in **Appendix B-1**. The calculation of planned SUSD emissions from the CCCTs is shown in **Appendix B-2** and **B-3**.

For the worst-case hourly emissions, including SUSD emissions, the startup and shutdown times were used to calculate the remaining time in a one-hour period where normal operating emissions could occur. Normal operating emissions were then pro-rated for this period and added to the SUSD to calculate a worst-case hour. Annual emissions resulting from SUSD operations were added to the normal annual operating emissions to calculate the total PTE.

EPA Greenhouse Gas Reporting Program (GHGRP) emission factors were used to calculate emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O using the maximum hourly firing rate and annual operating hours. CO<sub>2</sub> emissions from the natural gas-fired turbines are calculated using the emission factors (kg/MMBtu converted to lb/MMBtu) for natural gas from Table C-1 to Subpart C of Part 98 of the EPA's Mandatory GHG Reporting Rules. CH<sub>4</sub> and N<sub>2</sub>O emissions from the turbines are calculated using the emission factors (kg/MMBtu converted to lb/MMBtu) for natural gas from Table C-2 of the Mandatory GHG Reporting Rules. The global warming potential (GWP) factors used to calculate CO<sub>2</sub>e emissions are based on 40 CFR Part 98, Table 2, GHGs with Revised GWPs for Table A-1 (EPA 2013 Revisions to the GHG Reporting Rule).

GHG emission calculations for the CTGs, and the GHG emissions summary for all GHG sources is provided in **Appendix B-12**.

## **4.2 Black Start Engines (EPNs: ENGINE-1 and ENGINE-2)**

The Project will include two (2) ULSD-fired black start engine generators rated at a nominal capability of 2.0 kW (2,682 HP) each. Emission calculations were performed for NO<sub>x</sub>, CO, VOC, SO<sub>2</sub>, PM, PM<sub>10</sub>, PM<sub>2.5</sub>, and GHG emissions associated with these engines. The maximum hourly emission rates are based on the proposed maximum rated power of the engines. The emissions of VOC, NO<sub>x</sub>, PM, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions are calculated using EPA Tier 2 emissions factors. SO<sub>2</sub> emission calculations were based on the maximum hourly fuel usage rate (in gallons per hour) using ULSD fuel oil at no greater than 0.0015% sulfur by weight (or 15 ppm). Annual emissions were calculated based on the maximum heat input and estimated annual operating hours. Emission calculations for the supplemental generators (EPNs: ENGINE-1 and ENGINE-2) are provided in **Appendix B-4**.

EPA GHGRP emission factors are used to calculate emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O using the maximum hourly heat input and annual operating hours. CO<sub>2</sub> emission calculations are calculated using the emission factors (kg/MMBtu converted to lb/MMBtu) for Distillate Fuel Oil No. 2 from Table C-1 to Subpart C of Part 98 of the Mandatory GHG Reporting Rules. CH<sub>4</sub> and N<sub>2</sub>O emissions from the ULSD-fired engine are calculated using the emission factors (kg/MMBtu converted to lb/MMBtu) for petroleum from Table C-2 of the Mandatory GHG Reporting Rules. The GWP factors used to calculate CO<sub>2</sub>e emissions are based on Table A-1 of



the Mandatory GHG Reporting Rules. GHG emission calculations for the supplemental generators are provided in **Appendix B-12**.

#### **4.3 Emergency Engines (EPNs: FPUMP1 – FPUMP2, and EGEN1 – EGEN6)**

Reciprocating internal combustion engines (RICE) are used to pump water during emergency fires and provide emergency power. The proposed Project will include six (15) emergency generators rated at approximately 4,500 HP each, and two (2) fire suppression system pumps rated at approximately 350 HP each. Emission calculations were performed for NO<sub>x</sub>, CO, VOC, SO<sub>2</sub>, PM, PM<sub>10</sub>, PM<sub>2.5</sub>, and GHG emissions associated with these engines. The maximum hourly emission rates are based on the proposed maximum rated power of the engines. The NO<sub>x</sub>, CO, VOC, PM, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions were based on EPA Tier 2 standards for the emergency generator and Tier 3 standards for the fire system pumps. The engines will be fueled by ULSD fuel. For the fire pump engine SO<sub>2</sub> emission estimate, calculations were based on the maximum hourly fuel usage rate (in gallons per hour) using ULSD fuel oil at no greater than 0.0015% sulfur by weight (or 15 ppm). For PM emissions it was assumed that all PM emissions are equal to or less than PM<sub>2.5</sub>. Annual emissions were calculated based on the maximum heat input and annual operating hours, which are 100 hours per year of non-emergency use. Emission calculations for the emergency generator engines (EPNs: EGEN1 – EGEN6) and fire suppression system pumps ((EPNs: FPUMP1 – FPUMP2) are provided in **Appendix B-5**.

EPA GHGRP emission factors are used to calculate emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O using the maximum hourly heat input and annual operating hours. CO<sub>2</sub> emission calculations are calculated using the emission factors (kg/MMBtu converted to lb/MMBtu) for Distillate Fuel Oil No. 2 from Table C-1 to Subpart C of Part 98 of the Mandatory GHG Reporting Rules. CH<sub>4</sub> and N<sub>2</sub>O emissions from the ULSD-fired engine are calculated using the emission factors (kg/MMBtu converted to lb/MMBtu) for petroleum from Table C-2 of the Mandatory GHG Reporting Rules. The GWP factors used to calculate CO<sub>2</sub>e emissions are based on Table A-1 of the Mandatory GHG Reporting Rules. GHG emission calculations for the emergency generator engines and fire suppression system pumps are provided in **Appendix B-12**.

#### **4.4 Cooling Towers (EPNs: CT-1 through CT-15)**

The estimated PM emissions from the cooling towers are based on the methodology described in AP-42, Section 13.4 except that a 0.001-percent liquid drift rate was used, in accordance with BACT, as the liquid drift factor. The density of water, cooling water circulation rate, and percent liquid drift rate are used to estimate the mass of water drifting to the atmosphere. The mass of water is multiplied by the total dissolved solids (TDS) to estimate PM emissions. As the water utilized for cooling is derived from municipal water supplies, the TDS utilized represents a conservative estimate of the maximum. The maximum hourly and annual emissions are based

on the maximum cooling water circulation rate and the estimated TDS, and an operating schedule of 8,760 hour per year.

The PM<sub>10</sub> and PM<sub>2.5</sub> subset of particulate emissions from the cooling towers, which are analogous to cooling towers, were calculated using the methodology presented in the paper by Reisman and Frisbie; “Calculating Realistic PM<sub>10</sub> Emissions from Cooling Towers.” The PM size distribution in this paper is adjusted for the 3,000 parts per million (ppm) TDS, to obtain the percent of the mass emissions that are equal to or smaller than PM<sub>10</sub>, and the percent of the mass emissions that are equal to or smaller than PM<sub>2.5</sub>. The mass fraction of PM<sub>10</sub> and PM<sub>2.5</sub> emissions is then applied to the PM emission rates to estimate PM<sub>10</sub> and PM<sub>2.5</sub> emissions. As heat exchangers cooled by the wet surface air coolers do not contain VOCs, there is no VOC leakage into the coolers. Detailed emission calculations for the cooling towers (EPNs: CT-1 through CT-15) and the solid particulate size distributions are provided in **Appendix B-6**.

#### **4.5 Lube Oil Recirculation System Vents (EPNs: LVO1 through LVO90)**

The CCCTs will be equipped with dedicated closed-loop lubrication systems. Lubricating oil will be circulated through the turbines’ machinery from the oil sump, and the heating of recirculating lube oil in the turbine and generator housings will create oil vapor and oil droplets in the oil reservoir compartments. Emissions of the droplets will be controlled by a mist eliminator. The calculation of emissions from the lube oil vents is based on loss rate of lube oil in gas turbine reservoirs of 0.2 gallon per day of oil per turbine. Per engineering estimates, 30-percent of these losses are due to loss through the vent, while the remainder are losses to leaks or other non-volatile losses. The calculated hourly emissions are based on the daily emission rate divided by 24 hours per day. Emission calculations from the lube oil vents (EPNs: LVO1 through LVO90) are provided in **Appendix B-7**.

Lube oil mist will be generated, and the corresponding mist eliminator fan will be operated concurrently with turbine operation, including during startup and shutdown, plus additional time after turbine operation. When the gas turbine does not operate for extended periods such that lube oil is cooled to near-ambient temperatures, mist eliminators may be shut down. During this time, vapor breathing and filling losses may occur from each oil reservoir. These latter losses are significantly less than the emission rates calculated in **Appendix B-7**.

#### **4.6 Natural Gas System Fugitive Emissions (EPN: NGFUG)**

Fugitive emissions will be generated from the natural gas feed system (EPN: NGFUG). Natural gas piping component equipment leak fugitive emissions were calculated using estimated component counts and emission factors from EPA-453/R-95-017, November 1995, Table 2-4, Oil and Gas Operation Average Emission Factors. The component counts and average composition



were conservatively estimated from process flow diagrams and engineering counts. Speciation was calculated based on fuel gas analysis. Emissions from fugitive components are included in **Appendix B-8**.

#### **4.7 Ammonia SCR Delivery System Fugitive Emissions (EPN: NH3FUG)**

Piping and fittings associated with the storage tanks and other components of the system delivering ammonia to the SCR systems will be sources of fugitive emissions (EPN: NH3FUG). Equipment leak fugitive emissions from equipment components were calculated using estimated component counts and emission factors for Synthetic Organic Chemical Manufacturing Industry (SOCMI) without (w/o) ethylene factors from Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (APDG 6422), dated June 2018. Component counts and average composition calculated from process flow diagrams and engineering counts. Emissions from fugitive components are included in **Appendix B-9**.

#### **4.8 ULSD Tanks (EPNs: TNK-DSL1 through TNK-DSL4)**

Four (4) 25,000-gallon storage tanks will be used to store ULSD fuel for the emergency generators and fire suppression system pumps at the plant. Emissions from fixed roof storage tanks were calculated using the methodology described in AP-42, Chapter 7.1 – Organic Liquid Storage Tanks (October 2024). Short-term emission rates are calculated using the TCEQ guidance document; Air Permit Reviewer Reference Guide, APDG 6250v3, released 02/20; "Estimating Short Term Emission Rates from Fixed Roof Tanks". Emissions from the fixed roof tanks are uncontrolled. Emissions from fixed roof tanks, a summary of tank parameters, and a sample calculation are provided in **Appendices B-10a, B-10b, and B-10c**.

#### **4.9 Electrical Equipment Insulated with SF6 (EPN: FUG-SF6)**

Sulfur hexafluoride (SF<sub>6</sub>) emissions from the circuit breakers associated with the proposed CTG units were calculated using a predicted SF<sub>6</sub> annual leak rate of 1.0-percent by weight. The GWP factors used to calculate CO<sub>2</sub>e emissions are based on Table A-1 of the EPA Mandatory GHG Reporting Rules. Fugitive emissions of SF<sub>6</sub> are designated as EPN FUG-SF6. Emission calculations from the circuit breakers are provided in **Appendix B-11**. GHG emission calculations for the turbines, and the GHG emissions summary for all GHG sources are provided in **Appendix B-12**.

#### **4.10 Maintenance Activities (EPN: MSSFUG)**

This section provides a broad description of the emission calculation methodologies used to calculate the estimated ILE emissions. A summary of these emissions is provided in **Appendix B-13** and specific calculations for these activities are found in **Appendix B-13a through B-13i**.

The emission calculation methodologies approved by the TCEQ for the Electric Utility Maintenance Startup and Shutdown (MSS) Workgroup for ILE sources and activities were utilized in this application. The basis of the emission estimates provided (such as the typical number of activities and average emissions per activity) are not intended to be a representation under 30 TAC 116.116(e) but are the best estimate of actual maintenance activities experienced historically. Several of the categories are compilations of many MSS activities performed which may have slight variations in procedure or equipment configuration. These emission calculations are based on worst-case assumptions, actual operation practices and procedures, process knowledge and engineering estimates. Therefore, the calculation basis for each category of MSS emissions should not be considered a 30 TAC 116.116(e) representation, which limits the number of specific MSS activities in a category or the amount of emissions from any individual MSS activity. Instead, these are provided as a reasonable basis for emission estimates which is expected to become an annual emission limit for the permit Maximum Allowable Emission Rate Table (MAERT).

Emission rates are calculated based on scientific principles (such as the ideal gas law), process knowledge, AP-42 factors, TCEQ guidance, or a combination of these. Any representations in the emission calculations concerning individual emission categories are not intended to be interpreted as individual emission rate limitations but rather as an example of the emission calculation approach for the total category emission estimate.



## Section 5

# Best Available Control Technology (BACT)

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TCEQ regulations require new or modified stationary sources to apply BACT for the control of air contaminants emitted from the project. As stated in 30 TAC §116.111 (a)(2)(C), any new or modified facility must utilize the BACT, with consideration given to the technical practicability and economic reasonableness of reducing or eliminating the emissions from the facility.

The BACT analysis for this Project has been prepared in accordance with TCEQ's three-tier approach and guidance provided in the TCEQ's April 2001 document, *Evaluating Best Available Control Technology (BACT) in Air Permit Applications* (Draft RG-383). According to TCEQ guidance, the BACT process begins at the Tier I (i.e., emission performance levels accepted as BACT in recent permit reviews for the same process and/or industry) and continues sequentially through the Tiers II and III only if BACT cannot be established through a Tier I analysis.

The EPA has accepted TCEQ's three-tier approach to BACT as equivalent to the EPA's top-down approach to BACT for PSD review in most cases when the following are considered:

- Recently issued/approved permits within the state of Texas,
- Recently issued/approved permits in other states, and
- Control technologies contained within the EPA's RACT/BACT/LAER Clearinghouse (RBLC) database.

As stated in the TCEQ's RG-383 BACT guidance, "Tier I of the BACT evaluation involves a comparison of the applicant's BACT proposal to emission reduction performance levels accepted as BACT in recent permit reviews". RG-383 further indicates that the BACT review is complete if the Air Permits Division has not identified emission reduction options with better performance that should be evaluated. As will be presented in the following sections, BACT for the facilities associated with the Project is established at the Tier I level.

BACT applies to all facilities in the Project. PSD pollutants evaluated include emissions of nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), particulate matter less than 10 microns (PM<sub>10</sub>), particulate matter less than 2.5 microns (PM<sub>2.5</sub>), sulfur dioxide (SO<sub>2</sub>), volatile organic compounds (VOC), and greenhouse gases (GHGs), represented as carbon dioxide equivalents (CO<sub>2</sub>e). Additionally, this analysis includes a BACT evaluation for sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) and ammonia (NH<sub>3</sub>), where applicable.

Fermi America is proposing that all facilities will meet Tier I BACT, as published by TCEQ. A discussion of BACT and how Fermi America proposes to meet those requirements are included on the TCEQ *Form PI-1 General Application* included with this permit application, as well as in this Section.

## 5.1 Combined Cycle Combustion Turbines

The BACT determinations for the operation of the CCCTs are based on the latest information available from the TCEQ and EPA concerning the evaluation of BACT in permit applications for combined cycle combustion turbine units. Additional relevant documentation that provided technical background information for the BACT assessment of the CCCTs included the TCEQ's *Issued and Pending Air Permits for Gas Turbines with Electric Output Rated 20 MW or Greater* permit list (updated June 2025) and TCEQ's *Current Tier I BACT Requirements: Combustion Sources* spreadsheet (June 4, 2019).

The BACT-based emission rates proposed for the CCCTs are consistent with the published TCEQ recommendations.

### NO<sub>x</sub> BACT Analysis for Combined Cycle Combustion Turbines

NO<sub>x</sub> is formed during combustion by the following three mechanisms:

- **Thermal NO<sub>x</sub>:** Thermal NO<sub>x</sub> results from the dissociation of nitrogen (N<sub>2</sub>) and oxygen (O<sub>2</sub>) molecules in the combustion air at high temperature. The nitrogen and oxygen atoms recombine to form nitric oxide (NO) and nitrogen dioxide (NO<sub>2</sub>). As the combustion temperature increases, thermal NO<sub>x</sub> formation increases exponentially. Thermal NO<sub>x</sub> represents the predominant mechanism for NO<sub>x</sub> formation during operation of a natural gas-fired gas turbine.
- **Prompt NO<sub>x</sub>:** Prompt NO<sub>x</sub> is formed within the flame by reactions of N<sub>2</sub> molecules in the combustion air and hydrocarbon **radicals** from the fuel. The amount of prompt NO<sub>x</sub> formation in a turbine is negligible compared to the amount of thermal NO<sub>x</sub> formed.
- **Fuel NO<sub>x</sub>:** Fuel NO<sub>x</sub> results from the reaction of nitrogen-bound compounds in the fuel with O<sub>2</sub> in the combustion air. Fuel NO<sub>x</sub> formation is largely independent of combustion temperature. The combustion turbines will combust gas that contains little or no nitrogen-bound compounds.

According to the TCEQ Combustion Sources – Current Tier I BACT Requirements spreadsheet, Tier I Best Available Control Technology (BACT) for NO<sub>x</sub> emissions from gas-fired, combined cycle combustion turbines is 2.0 ppmvd at 15% O<sub>2</sub>. These limits are typically achieved with dry low NO<sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Furthermore, the TCEQ's recent BACT determinations—outlined in the most current Issued Air Permits for Gas



Turbines with Electric Output Rated 20 MW or Greater—indicate that NO<sub>x</sub> limits for similar turbines span from 2.0 to 107.0 ppmvd at 15% O<sub>2</sub>.

A review of the EPA's RACT/BACT/LAER Clearinghouse (RBLC) over the past decade identified 2.0 ppmvd at 15% O<sub>2</sub> is the lowest emissions from the CCCTs. This is achieved by utilizing selective catalytic reduction (SCR) and dry low NO<sub>x</sub> (DLN) combustors.

Fermi America proposes to meet BACT for NO<sub>x</sub> emissions using a combination of DLN combustors, SCR systems and good combustion practices. With these controls in place, NO<sub>x</sub> emissions will not exceed 2.0 ppmvd at 15% O<sub>2</sub> on a 24-hour average basis in steady state operations; excluding maintenance, startup, and shutdown (MSS) periods. This proposed emission rate matches the lowest BACT-based NO<sub>x</sub> limit permitted for comparable combined cycle projects both within Texas and nationwide, thereby satisfying BACT.

### **CO BACT Analysis for Combined Cycle Combustion Turbines**

CO is formed due to the incomplete combustion of natural gas fuel in the combustion chamber. CO is produced when there is insufficient residence time and/or mixing at high temperature to complete the final step in hydrocarbon oxidation, the oxidation of CO to CO<sub>2</sub>.

According to the TCEQ Combustion Sources – Current Tier I BACT Requirements spreadsheet, Tier I Best Available Control Technology (BACT) for CO emissions from gas-fired, combined cycle combustion turbines is 2.0 – 4.0 ppmvd at 15% O<sub>2</sub>. These limits are typically achieved with good combustion practices and/or oxidation catalyst. Furthermore, the TCEQ's recent BACT determinations—outlined in the most current Issued Air Permits for Gas Turbines with Electric Output Rated 20 MW or Greater—indicate that CO limits for similar turbines span from 2.0 to 35.0 ppmvd at 15% O<sub>2</sub>.

A review of the EPA's RBLC over the past decade identified CO concentrations ranging from 0.9 to 25 ppmvd at 15% O<sub>2</sub>. This is achieved by utilizing oxidation catalyst and good combustion practices.

Fermi America proposes to meet BACT for CO emissions using oxidation catalyst and good combustion practices. With these controls in place, CO emissions will not exceed 4.0 ppmvd at 15% O<sub>2</sub> (meets TCEQ Tier I BACT) on a three-hour rolling average basis, in steady state mode excluding startup, shutdown, and maintenance periods.

### **PM<sub>10</sub>/PM<sub>2.5</sub> BACT Analysis for Combined Cycle Combustion Turbines**

Combustion of natural gas in gas turbine generators results in both filterable and condensable particulate matter emissions. Filterable particulate matter is from trace amounts of inert material in the natural gas and any ambient particulates that enter with the turbine air inlet. Condensable particulate emissions are primarily due to the formation of sulfates, nitrates, and possibly organic compounds. The main sources of measured PM emissions are as follows:

- **Formation** of sulfur trioxide (SO<sub>3</sub>) from trace sulfur in the fuel;
- Formation of condensable particulate matter from the incomplete combustion of the **hydrocarbon** constituents of fuel gas;
- **Formation** of ammonium sulfate or ammonium bisulfate from NH<sub>3</sub> in the SCR system and trace sulfur in the fuel; and
- PM in the ambient air that gets past the inlet filtration systems.

According to the TCEQ Combustion Sources – Current Tier I BACT Requirements spreadsheet, Tier I Best Available Control Technology (BACT) for PM<sub>10</sub>/PM<sub>2.5</sub> emissions from gas-fired, combined cycle combustion turbines is “Good combustion practices. Fuel limited to firing pipeline quality natural gas.”

A review of the EPA’s RBLC over the past decade shows good combustion practices and use of clean fuels (NG) as PM<sub>10</sub>/PM<sub>2.5</sub> controls. The most stringent PM<sub>10</sub>/PM<sub>2.5</sub> control method demonstrated for gas turbines is the use of clean burning natural gas. No add-on control technologies are listed in the TCEQ BACT guidelines or EPA RBLC database for natural gas-fired combustion turbines.

Fermi America proposes to meet BACT for PM<sub>10</sub>/PM<sub>2.5</sub> emissions using good combustion practices and use of pipeline quality natural gas.

### **SO<sub>2</sub> BACT Analysis for Combined Cycle Combustion Turbines**

SO<sub>2</sub> emissions from CCCTs result from the oxidation of sulfur in the fuel. The amount of SO<sub>2</sub> in the turbine exhaust is dependent upon the amount of sulfur in the inlet feed stream to the turbines.

According to the TCEQ Combustion Sources – Current Tier I BACT Requirements spreadsheet, Tier I Best Available Control Technology (BACT) for SO<sub>2</sub> emissions from gas-fired, combined cycle combustion turbines is: “Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.”



A review of the EPA's RBLC over the past decade identified SO<sub>2</sub> concentrations ranging from 0.4 to 5 grains per 100 scf. This is achieved by using good combustion practices and pipeline quality natural gas.

Fermi America proposes to meet BACT for SO<sub>2</sub> emissions using good combustion practices and pipeline quality natural gas. With these controls in place, SO<sub>2</sub> emissions will not exceed 0.5 grains per 100 scf on a 1-hour average basis.

### **VOC BACT Analysis for Combined Cycle Combustion Turbines**

VOCs are formed due to the incomplete combustion of the fuel in the combustion chamber and depend in varying degrees on the extent of fuel mixing, resulting air-to-fuel ratios, combustion temperature, and residence time. The majority of VOCs in the exhaust are due to unburned fuel, although some VOCs are formed as combustion products.

According to the TCEQ Combustion Sources – Current Tier I BACT Requirements spreadsheet, Tier I Best Available Control Technology (BACT) for CO emissions from gas-fired, combined cycle combustion turbines is 2 ppmvd at 15% O<sub>2</sub> if no duct burner, and 4 ppmvd with duct burner, which is achieved through good combustion practices.

A review of the EPA's RBLC over the past decade identified concentrations range from 0.7 to 4 ppmvd at 15% O<sub>2</sub>. This is achieved by utilizing oxidation catalyst and good combustion practices.

Fermi America proposes to meet BACT for VOC emissions using good combustion practices. With these controls in place, VOC emissions will not exceed 2.0 ppmvd at 15% O<sub>2</sub> (meets TCEQ Tier I BACT) on a three-hour rolling average basis, at steady state operations excluding startup, shutdown, and maintenance periods.

### **GHG BACT Analysis for Combined Cycle Combustion Turbines**

GHG emissions from natural gas-fired combustion turbines result from the combustion of natural gas and are directly correlated with the amount of fuel burned. Therefore, the less fuel burned per unit of energy produced, the lower the GHG emissions.

A review of the EPA's RBLC over the past decade identified GHG BACT limits either listed a fuel-based limit of 117 lb CO<sub>2</sub>e/MMBtu; listed a turbine output based limit ranging from 726 – 1,800 lb CO<sub>2</sub>e/MWh; or only listed an annual mass limit of CO<sub>2</sub>e. This is achieved using clean fuels, good combustion practices, and proper operating and maintenance practices.

Fermi America proposes to meet BACT for GHG emissions using clean fuels, efficient operations, good combustion practices, and proper operating and maintenance practices. The proposed GHG BACT limit for CCCTs is 117 lb CO<sub>2</sub>e/MMBtu.

The installation of carbon capture for the control of greenhouse gas emissions is not technically feasible for combined cycle combustion turbines for the following reasons:

Carbon Capture and Sequestration (CCS) is a complex system designed to capture CO<sub>2</sub> emissions from industrial sources, compress and transport it to a storage site, and inject it deep underground for permanent storage. While CCS has been demonstrated in coal-fired power plants and some industrial applications, its integration with natural gas-fired combined-cycle combustion turbines is not technically feasible due to several key challenges. Post-combustion CO<sub>2</sub> capture typically relies on amine solvents to scrub CO<sub>2</sub> from exhaust gases, but natural gas combustion turbines have lower CO<sub>2</sub> concentrations in their exhaust streams compared to coal plants. This makes the use of traditional capture technologies like amine scrubbing less effective and more difficult. Other emerging capture technologies, such as polymeric membranes, are still under development and are unsuitable for the lower CO<sub>2</sub> concentrations present in combustion turbine emissions.

Furthermore, even if CCS technologies were technically feasible, the overall process would still present significant barriers in terms of integration, efficiency, and economic viability. Current CCS systems are energy-intensive and costly, which could severely degrade the operational efficiency of the turbines. The experience with CCS on coal-fired plants, such as the Boundary Dam and Petra Nova projects, has shown that these systems can lead to significant downtime, operational issues, and underperformance. For instance, Petra Nova's CCS system accounted for over 25% of the plant's outage days during its first three years. Beyond the technical challenges of capturing CO<sub>2</sub>, the transport and storage components also pose significant issues. While Texas has infrastructure for CO<sub>2</sub> pipelines, no existing pipelines are in close proximity to the proposed project site, requiring new pipeline infrastructure at a substantial additional cost. Given these challenges, CCS is considered technically infeasible for the combined cycle combustion turbines.

Furthermore, in the proposed rule dated June 17, 2025, 40 CFR Part 60 – Repeal of Greenhouse Gas Emissions Standards for Fossil Fuel-Fired Electric Generating Units, EPA is proposing to repeal CCS-based requirements for new base load combustion turbine EGUs because the EPA is proposing that it has not been adequately demonstrated and the costs are not reasonable. EPA's proposal to repeal the GHG standards explicitly cites broader economic and infrastructure needs and links the potential repeal to supporting the construction of AI data processing centers such as this Project.



### **H<sub>2</sub>SO<sub>4</sub> BACT Analysis for Combined Cycle Combustion Turbines**

H<sub>2</sub>SO<sub>4</sub> emissions from the combustion turbines occur as a result of oxidation of SO<sub>2</sub> to SO<sub>3</sub> as high temperature exhaust gas passes across the surfaces of the SCR and oxidation catalyst. The SO<sub>3</sub> then hydrates to form H<sub>2</sub>SO<sub>4</sub> in the presence of water vapor. Use of clean fuels with low sulfur content and good combustion practices are identified as potentially applicable for controlling H<sub>2</sub>SO<sub>4</sub> emissions from combustion turbines. Both control technologies are feasible for combustion turbines. Therefore, Fermi America proposes the use of clean fuels with low sulfur content and good combustion practices as BACT for H<sub>2</sub>SO<sub>4</sub> from combustion turbines.

### **NH<sub>3</sub> BACT Analysis for Combined Cycle Combustion Turbines**

Fermi America will operate the SCR systems to minimize ammonia slip (i.e., the emission of unreacted ammonia to the atmosphere) while ensuring that the NO<sub>x</sub> emissions limits are met. The ammonia injection systems and associated operating parameters will be carefully controlled to limit ammonia slip in the exhaust streams of combustion turbines to no more than 10.0 ppmvd at 15% O<sub>2</sub> on a rolling 3-hour average and 5.0 ppmvd at 15% O<sub>2</sub> on an annual average basis. This level of emissions control meets with Tier I BACT (7.0 to 10.0 ppmvd at 15% O<sub>2</sub>) as outlined in the TCEQ *Combustion Sources – Current Tier I BACT Requirements* spreadsheet for gas-fired, combined-cycle combustion turbines.

## **5.2 Black Start Generators BACT Analysis**

To meet TCEQ Tier 1 BACT, the black start generators will combust ULSD with no more than 15 parts per million (ppm) sulfur by weight. The engines will include a non-resettable runtime meter and will meet the requirements of 40 CFR 60 Subpart IIII. No visible emissions will leave the property, as determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA Testing Method 22 or equivalent.

Fermi America proposes use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices as BACT for all pollutants from black start generators.

## **5.3 Emergency Engines and Fire Suppression System Pumps BACT Analysis**

To meet TCEQ Tier 1 BACT, the emergency generators and fire suppression system pumps will combust ULSD with no more than 15 parts per million (ppm) sulfur by weight. The engines will include a non-resettable runtime meter and will meet the requirements of 40 CFR 60 Subpart IIII. No visible emissions will leave the property, as determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA Testing Method 22 or equivalent. Non-emergency hours of usage will not exceed 100 hours annually.

Fermi America proposes use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices as BACT for all pollutants from emergency engines and fire suppression system pumps.

#### **5.4 ULSD Fixed Roof Storage Tanks BACT Analysis**

Four (4) ULSD fixed roof storage tanks will be used to store ULSD fuel for emergency generators and fire suppression system pumps. All these tanks have a true vapor pressure less than 0.5 psia. The fixed roof ULSD storage tanks will have aluminum or white exterior surfaces and will utilize submerged fill. TCEQ Tier I BACT for storage tanks with a capacity less than 25,000 gallons or containing a material with a true vapor pressure of less than 0.5 psia is listed as “fixed roof tank with submerged fill. Uninsulated exterior surfaces exposed to the sun shall be white or aluminum.” Therefore, Fermi America proposes that BACT is satisfied for the ULSD tanks by meeting the Tier I BACT based on the vapor pressure and the capacity of the tank.

#### **5.5 Cooling Towers BACT Analysis**

Particulate matter is formed most commonly from wet or evaporative cooling towers. Typically, warm air passes through the cooling tower and causes the liquid water from the towers to be entrained in the air stream as “drift” droplets. The drift droplets evaporate and produce PM<sub>10</sub> emissions because of the dissolved solids left behind in the droplets. Based on the RBLC review, drift eliminators are the most common PM control option available for wet or evaporative cooling towers. To meet TCEQ Tier 1 BACT, the cooling towers will install drift eliminators to reduce drift losses to less than 0.001-percent.

#### **5.6 Combustion Lube Oil Recirculation System Vents BACT Analysis**

The combined cycle combustion turbines will be equipped with dedicated closed-loop lube oil recirculation systems to lubricate the moving parts. Lubricating oil will be recirculated through the combustion turbines’ machinery from the oil sump, and the heating of recirculating lube oil in the turbine and generator housings will create oil vapor and oil droplets in the oil reservoir compartments. An available control technology to control PM<sub>10</sub>/PM<sub>2.5</sub> and VOC emissions from lube oil vents is to use the mist eliminators. Oil mist eliminators work by capturing and removing fine oil droplets from air or gas streams, typically using a series of filters or coalescing elements. As the mist-laden air passes through the eliminator, small oil droplets coalesce into larger ones, which are then collected and drained away. Therefore, Fermi America proposes use of mist eliminators as BACT for the lube oil vents.

## **5.7 Natural Gas System Fugitives BACT Analysis**

The BACT for fugitives typically involves implementing a Leak Detection and Repair (LDAR) program to minimize VOC and GHG emissions. The current TCEQ's Tier I BACT Requirements spreadsheet states that no control is required if uncontrolled VOC emissions are less than 10 tpy. Since the uncontrolled VOC emissions from the natural gas system fugitives are 0.03 tpy, an LDAR program will not result in any further emissions reduction and will not be implemented as BACT. Therefore, Fermi America proposes to use proper piping design and installation and use of good work practices as BACT to control VOC and GHG emissions from natural gas system fugitives.

## **5.8 Ammonia SCR Delivery System Fugitives BACT Analysis**

To ensure that fugitive emissions from piping components in ammonia service are adequately controlled, Fermi America will implement an Audio, Visual, and Olfactory (AVO) Leak Detection and Repair (LDAR) program for monitoring and control of potential NH<sub>3</sub> fugitive emissions. Pressure relief valves will be installed on the ammonia system for safety purposes and will be monitored in accordance with the AVO program. These relief valves are designed to activate only in the event of an overpressure condition.

The ammonia storage tank will be designed to prevent pressure buildup due to solar heating, ensuring that sunlight alone will not cause the tank pressure to reach the relief valve set point. This inspection and maintenance program will comply with the TCEQ's technical guidance for chemical source equipment leak fugitives, and therefore meets or exceeds the requirements for BACT.

Fermi America proposes BACT for fugitive NH<sub>3</sub> emissions is achieved through maintaining records of all AVO inspections and maintenance activities.

## **5.9 Circuit Breaker Sulfur Hexafluoride (SF<sub>6</sub>) Fugitives BACT Analysis**

An effective control technology for limiting fugitive SF<sub>6</sub> emissions is the use of state-of-the-art circuit breakers with leak detection systems. In comparison to older SF<sub>6</sub> circuit breakers, modern breakers are designed as a totally enclosed-pressure system with far lower potential for SF<sub>6</sub> emissions.

The use of state-of-the-art circuit breakers and leak detection to control the release of SF<sub>6</sub> is considered technically feasible and is inherent to the Project. USEPA also recommends the use of new and/or upgraded equipment, which feature tighter seals and reduced leaks, as well as the use of leak detection to ensure any leaks can be repaired immediately.



Fermi America proposes the use of state-of-the-art circuit breakers with leak detection system as GHG BACT for circuit breakers.

## 5.10 Maintenance Activities Fugitives BACT Analysis

Routine maintenance activities are performed to ensure the proper operability of equipment. The frequency and duration of the identified maintenance activities will be limited such that the calculated emissions will be low enough to be classified as ILE activities. The emissions associated with these ILE maintenance activities are so low that alternative work practices would not result in meaningful emission reductions. The limited duration and frequency of the identified ILE maintenance activities result in insignificant emissions, which satisfies BACT.

## 5.11 BACT Summary

Tables 5-1 and 5-2 present a summary of proposed BACT for the Project emission sources.

**Table 5-1**  
**BACT Summary for Combined Cycle Combustion Turbines**

| Emission Point Number (EPN)                                                                                                                                                                                                                                           | Pollutant                           | BACT Limit                                                                         | Averaging Time            | Control Technology                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Combined Cycle Combustion Turbines, EPNs:<br><br><u>Block A</u><br>HRSGA-1 – HRSGA-18<br><br><u>Block B</u><br>HRSGB-1 – HRSGB-18<br><br><u>Block C</u><br>HRSGC-1 – HRSGC-18<br><br><u>Block D</u><br>HRSGD-1 – HRSGD-18<br><br><u>Block E</u><br>HRSGE-1 – HRSGE-18 | NO <sub>x</sub>                     | 2.0 ppmvd at 15% O <sub>2</sub>                                                    | 24-hr average             | SCR, DLN combustors, and good combustion practices                                                                                         |
|                                                                                                                                                                                                                                                                       | CO                                  | 4.0 ppmvd at 15% O <sub>2</sub>                                                    | 3-hr average              | Oxidation catalyst and good combustion practices                                                                                           |
|                                                                                                                                                                                                                                                                       | PM <sub>10</sub> /PM <sub>2.5</sub> | Compliance with MAER <sup>[1]</sup><br>2.46 lb/hr                                  | 1-hr                      | Good combustion practices and use of pipeline quality natural gas (low sulfur fuel). Fuel sulfur content limited to 0.5 grains per 100 scf |
|                                                                                                                                                                                                                                                                       | SO <sub>2</sub>                     | Compliance with MAER <sup>[1]</sup><br>0.72 lb/hr                                  | 1-hr                      |                                                                                                                                            |
|                                                                                                                                                                                                                                                                       | VOC                                 | 2.0 ppmvd at 15% O <sub>2</sub>                                                    | 3-hr average              | Firing pipeline quality natural gas and good combustion practices. (No duct burners)                                                       |
|                                                                                                                                                                                                                                                                       | GHG                                 | 117 lb CO <sub>2</sub> e/MMBtu                                                     | 12-month rolling average  | Use of low carbon fuel, energy efficient design, good combustion practices, proper operating and maintenance practices                     |
|                                                                                                                                                                                                                                                                       | H <sub>2</sub> SO <sub>4</sub>      | Compliance with MAER <sup>[1]</sup><br>0.11 lb/hr                                  | 1-hr                      | Use of clean fuels with low sulfur content and good combustion practices. Fuel sulfur content limited to 0.5 grains per 100 scf            |
|                                                                                                                                                                                                                                                                       | NH <sub>3</sub>                     | 10.0 ppmvd at 15% O <sub>2</sub> (3hr)<br>5.0 ppmvd at 15% O <sub>2</sub> (Annual) | 3-hr and 12-month rolling | Controlling the ammonia injection system to minimize ammonia slip                                                                          |

<sup>[1]</sup> Maximum Allowable Emission Rates (MAER)

**Table 5-2  
BACT Summary for Ancillary Equipment**

| <b>Emission Point Number (EPN)</b>                               | <b>Pollutant</b>                    | <b>BACT Limit</b>                                                      | <b>Averaging Time</b>    | <b>Control Technology</b>                                                                         |
|------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------|
| Emergency Engines, EPNs:<br><br>EGEN1 – EGEN6                    | NO <sub>x</sub>                     | 4.77 g/hp-hr                                                           | 12-month rolling average | Use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices |
|                                                                  | CO                                  | 2.61 g/hp-hr                                                           | 12-month rolling average | Limit operating hours, proper engine design, and good combustion practices                        |
|                                                                  | PM <sub>10</sub> /PM <sub>2.5</sub> | 0.15 g/hp-hr                                                           | 12-month rolling average | Use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices |
|                                                                  | SO <sub>2</sub>                     | Fuel sulfur content of 15 ppm                                          | 12-month rolling average |                                                                                                   |
|                                                                  | VOC                                 | 4.77 g/hp-hr                                                           | 12-month rolling average |                                                                                                   |
|                                                                  | GHG                                 | Compliance with MAER <sup>[1]</sup><br>94 TPY CO <sub>2</sub> e (each) | 12-month rolling average | Use of good combustion practices and use of proper operating and maintenance practices            |
| Emergency Fire System Pump Engines, EPNs:<br><br>FPUMP1 – FPUMP2 | NO <sub>x</sub>                     | 2.98 g/hp-hr                                                           | 12-month rolling average | Use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices |
|                                                                  | CO                                  | 2.61 g/hp-hr                                                           | 12-month rolling average | Limit operating hours, proper engine design, and good combustion practices                        |
|                                                                  | PM <sub>10</sub> /PM <sub>2.5</sub> | 0.15 g/hp-hr                                                           | 12-month rolling average | Use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices |
|                                                                  | SO <sub>2</sub>                     | Fuel sulfur content of 15 ppm                                          | 12-month rolling average |                                                                                                   |
|                                                                  | VOC                                 | 2.98 g/hp-hr                                                           | 12-month rolling average |                                                                                                   |
|                                                                  | GHG                                 | Compliance with MAER <sup>[1]</sup><br>7 TPY CO <sub>2</sub> e (each)  | 12-month rolling average | Use of good combustion practices and use of proper operating and maintenance practices            |
| Black Start Generators, EPNs:                                    | NO <sub>x</sub>                     | 4.77 g/hp-hr                                                           | 3-hr average             | Use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices |
| ENGINE-1 – ENGINE-2                                              | CO                                  | 2.61 g/hp-hr                                                           | 3-hr average             | Limit operating hours and proper engine design and good combustion practices                      |

| Emission Point Number (EPN)                                                    | Pollutant                           | BACT Limit                                                                                     | Averaging Time           | Control Technology                                                                                |
|--------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------|
|                                                                                | PM <sub>10</sub> /PM <sub>2.5</sub> | 0.15 g/hp-hr                                                                                   | 12-month rolling average | Use of clean ULSD fuel, limit operating hours, proper engine design and good combustion practices |
|                                                                                | SO <sub>2</sub>                     | Fuel sulfur content of 15 ppm                                                                  | 12-month rolling average |                                                                                                   |
|                                                                                | VOC                                 | 4.77 g/hp-hr                                                                                   | 3-hr average             |                                                                                                   |
|                                                                                | GHG                                 | Compliance with MAER <sup>[1]</sup><br>30 TPY CO <sub>2e</sub> (each)                          | 12-month rolling average | Use of good combustion practices and use of proper operating and maintenance practices            |
| Natural Gas Piping Fugitives, EPN: NGFUG                                       | VOC                                 | Compliance with MAER <sup>[1]</sup><br>0.03 TPY                                                | 12-month rolling average | Use proper piping design and installation and use of good work practices                          |
|                                                                                | GHG                                 | Compliance with MAER <sup>[1]</sup><br>840 TPY CO <sub>2e</sub>                                | 12-month rolling average |                                                                                                   |
| SCR Delivery System Fugitives, EPN: NH3FUG                                     | NH <sub>3</sub>                     | Compliance with MAER <sup>[1]</sup><br>0.09 TPY                                                | 12-month rolling average | AVO LDAR program                                                                                  |
| Cooling Towers, EPNs: CT-1 through CT-15                                       | PM <sub>10</sub> /PM <sub>2.5</sub> | 0.001 percent drift rate                                                                       | 12-month rolling average | Drift eliminators                                                                                 |
| Lube Oil Recirculation Vents, EPNs: LOV1 – LOV90                               | PM <sub>10</sub> /PM <sub>2.5</sub> | Compliance with MAER <sup>[1]</sup><br>0.08 TPY                                                | 12-month rolling average | Mist eliminators                                                                                  |
|                                                                                | VOC                                 | Compliance with MAER <sup>[1]</sup><br>0.08 TPY                                                | 12-month rolling average | Mist eliminators                                                                                  |
| ULSD Storage Tanks EPNs: TNK-DSL1 - TNK-DSL4                                   | VOC                                 | Compliance with MAER <sup>[1]</sup><br>0.01 TPY                                                | 12-month rolling average | Use of fixed roof tanks, submerged fill pipes, white paint, and good work practice                |
| Circuit Breaker Sulfur Hexafluoride (SF <sub>6</sub> ) Fugitives, EPN: FUG-SF6 | GHG                                 | Compliance with MAER <sup>[1]</sup><br>0.81 TPY SF <sub>6</sub><br>19,094 TPY CO <sub>2e</sub> | 12-month rolling average | Use of state-of-the-art circuit breakers with leak detection system                               |

<sup>[1]</sup>Maximum Allowable Emission Rates (MAER)



## Section 6

# State Regulatory Requirements

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This section addresses the assurance of regulatory compliance with applicable state and federal air quality regulations. The requirement contained in 30 TAC Chapter 116.111(a)(2)(A)(i), states:

*The emissions from the proposed facility will comply with all rules and regulations of the TCEQ and with the intent of the Texas Clean Air Act (TCAA), including protection of health and physical property of the public.*

As outlined in the following evaluation, the emissions from Project Matador will comply with all rules and regulations of the TCEQ and with the intent of the TCAA, including the protection of the health and welfare, and property of the public.

### Chapter 101 – General Rules

Fermi America will operate in compliance with all requirements of the TCEQ General Rules. Some notable rule compliance procedures are summarized below.

#### §101.2 Multiple Air Contaminant Sources or Properties

Fermi America will demonstrate through air dispersion modeling that the sources to be permitted will not cause or contribute to any violations of ambient air quality standards and will control air emissions in compliance with commission regulations.

#### §101.3 Circumvention

There will be no use of any plan, activity, device or contrivance which will, without resulting in an actual reduction of air contaminants, conceal or appear to minimize the effects of an emission which would otherwise constitute a violation of the TCAA or TCEQ regulations from any source included in this application.

#### §101.4 Nuisance

Fermi America will demonstrate through air dispersion modeling that there will be no emissions of air contaminants or combined emissions in concentration and duration that would or may tend to injure or adversely affect human health or welfare, animal life, vegetation, or property, or interfere with the normal use and enjoyment of animal life, vegetation, or property.

#### **§101.5           Traffic Hazard**

There will be no traffic hazards or interference caused by emissions from the sources included in this application.

#### **§101.8           Sampling**

Upon request of the TCEQ and as directed under the special conditions of the permit, Fermi America will conduct sampling at Project Matador to determine the opacity, rate, composition, or concentration of the stream requested.

#### **§101.9           Sampling Ports**

Fermi America will comply with the applicable requirements related to sampling ports.

#### **§101.10          Emissions Inventory Requirements**

On an annual basis, Project Matador will file the appropriate emissions inventory (EI) of the air pollutants emitted by the site via the STEERS-AEIR Web-EI reporting system, as applicable.

#### **§101.13-19      Administrative Provisions**

Fermi America will adhere to and comply with the applicable requirements of these sections.

#### **§101.20          Compliance with Environmental Protection Agency Standards**

Certain equipment within the Project is subject to the New Source Performance Standards (NSPS) rules and regulations as promulgated under Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60). Additionally, certain equipment within the Project is subject to NESHAP for Source Categories promulgated under 40 CFR Part 63. Fermi America will comply with all applicable requirements, as documented in Section 6, which provides detailed information on the applicable federal regulatory requirements.

The Project will not result in the emissions of any pollutants subject to NESHAP standards as promulgated under 40 CFR Part 61. Additionally, the Project is not subject to 40 CFR Part 82.

#### **§101.21          The National Primary and Secondary Ambient Air Quality Standards (NAAQS)**

Fermi America will comply with all applicable requirements associated with the NAAQS in the AQA and PSD modeling report required as part of this application.

**§101.23          Alternate Emission Reduction ("Bubble") Policy**

Operation of Project Matador will not be regulated by the Alternative Emission Reduction Policy.

**§101.24 and §101.27    Inspection Fees and Emissions Fees**

Fermi America will submit all appropriately assessed fees to the TCEQ for Project Matador each year, as applicable.

**§101.26          Surcharge on Fuel Oil in Specified Boilers**

The provisions of 30 TAC §101.26 do not apply as there are no boilers in the Project.

**§101.28          Stringency Determination for Federal Operating Permits**

This application is not for a federal operating permit; therefore, this section does not apply.

**§101.100-122    Failure to Attain Fee**

The Project is not located in the Houston-Galveston-Brazoria (HGB) ozone nonattainment area; therefore, these sections do not apply.

**§101.150-155    Voluntary Supplemental Leak Detection Program**

The voluntary supplemental leak detection program is applicable to authorized equipment or facilities in VOC service. The Project natural gas piping component fugitives consist of less than 0.5-percent VOC and there is minimal equipment at the site in VOC service. As such, Project does not anticipate participation in this voluntary program.

**§101.201          Emissions Event Reporting and Recordkeeping Requirements**

Fermi America will comply with the applicable reporting and recordkeeping requirements, as described in this section.

**§101.211          Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements**

Fermi America will comply with the applicable reporting and recordkeeping requirements, as described in this section.

**§101.221-224    Operational Requirements, Demonstrations, Actions to Reduce Excess Emissions, and Temporary Exemptions during Drought Conditions**

Fermi America will comply with the requirements of 30 TAC §§ 101.221 – 101.224, as necessary.



### **§101.231-233 Variances**

Fermi America is not requesting a variance with this application; therefore, these sections do not apply.

### **§101.300-311 Emission Credit Banking and Trading**

This permit action does not result in any VOC or NO<sub>x</sub> emission reductions that will be used for emission credit banking and trading.

### **§101.330-339 Emissions Banking and Trading Allowances**

These sections do not apply because this permit action does not include electric generating facilities permitted under Chapter 116, Subchapter I (relating to Electric Generating Facility Permits).

### **§101.350-363 Mass Emission Cap and Trade Program**

The Project is not located in the HGB ozone nonattainment area; therefore, these sections do not apply.

### **§101.370-379 Discrete Emission Credit Banking and Trading**

Fermi America will not generate or use any discrete emission credits in association with this Project.

### **§101.390-403 Highly-Reactive Volatile Organic Compound Emissions Cap and Trade Program**

The Project is not located in the HGB ozone nonattainment area; therefore, these sections do not apply.

### **§101.501-508 Clean Air Interstate Rule (CAIR)**

This application does not include a stationary, fossil fuel-fired boiler or stationary, fossil fuel-fired combustion turbine meeting the applicability requirements under 40 CFR Part 96, Subpart AA, or Subpart AAA because the generators the proposed units serve will not produce electricity for sale; therefore, these sections do not apply.

### **§101.600-602 Expedited Permitting**

Pursuant to 30 TAC §§101.600 – 101.602, Fermi America respectfully requests Expedited Processing of this application. As required, the complete Forms APD-EXP (Expedited Permitting Request) and APD-APS (Air Permitting Surcharge Payment) are included in Appendix A.

## **Chapter 106 – Permits By Rule**

This application includes all emission sources associated with the Project. There are no Permits by Rule (PBRs) being claimed or registered to authorize activities associated with Project Matador. In the future, if PBR authorizations are required, Fermi America will comply with the requirements of 30 TAC Chapter 106, and will comply with TCEQ requirements for incorporating PBRs into the permit either by consolidation or by reference, as applicable.

## **Chapter 111 – Control of Air Pollution from Visible Emissions and Particulate Matter**

### **§111.111-113 Visible Emissions**

Visible emissions from sources associated with this application are not expected to exceed the opacity limitations specified by these sections. The Chapter 111 opacity limit for the combined cycle CTGs is 20 percent opacity averaged over a six-minute period, and during normal operations, opacity of emissions from the combined cycle CTG stacks authorized by this permit shall not exceed 5 percent averaged over a six-minute period, which is less than the Chapter 111 requirement. During periods of MSS operation of the combined cycle CTGs, the opacity shall not exceed 15 percent averaged over a six-minute period. Fermi America will demonstrate compliance with the opacity limits by conducting visible emission observations at least once during each calendar quarter while the facilities are in operation. Fermi America will comply with all applicable opacity limitations specified in 30 TAC §111.111.

### **§111.121-129 Incineration**

There is no incinerator associated with this application. Therefore, these sections do not apply.

### **§111.131-139 Abrasive Blasting of Water Storage Tanks Performed by Portable Operations**

There is no abrasive blasting of water storage tanks associated with this application; therefore, these sections do not apply.

### **§111.141-149 Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots**

Project Matador is located in Carson County, which is outside the Geographic Areas described at 30 TAC § 111.141; therefore, sections 111.141 through 111.149 do not apply.

### **§111.151-153 Emissions Limits on Nonagricultural Processes**

The Project will comply with the 30 TAC §111.151 applicable emissions limits and the maximum allowable emissions rates for this Project are significantly less than what is allowable under 30 TAC §111.151. Fermi America will comply with the requirements of these sections.

### **§111.171-175 Emissions Limits on Agricultural Processes**

There are no agricultural processes at Project Matador. Therefore, these sections do not apply.

### **§111.181-183 Exemptions for Portable or Transient Operations**

Project Matador is not a portable or transient operation. Therefore, these sections do not apply.

### **§111.201-221 Outdoor Burning**

Outdoor burning will not be performed at Project Matador. Therefore, these sections do not apply.

## **Chapter 112 – Control of Air Pollution from Sulfur Compounds**

### **§112.1-21 Control of Sulfur Dioxide**

When requested by TCEQ, Fermi America will demonstrate compliance with the reporting and recordkeeping requirements for the applicable SO<sub>2</sub> emission limits specified in 30 TAC §112.2. Fermi America will comply with the provisions of 30 TAC §112.3 and will operate facilities covered by this application such that SO<sub>2</sub> emissions will not cause an exceedance of the net ground level concentration limit allowed by §112.3(a), as will be demonstrated by air dispersion modeling. Fermi America is not seeking an exemption under §112.4; therefore, this rule does not apply.

### **§112.31-34 Control of Hydrogen Sulfide**

Fermi America will comply with the provisions of 30 TAC §112.31 and 30 TAC §112.31 and will operate facilities covered by this application such that H<sub>2</sub>S emissions will not cause an exceedance of the net ground level concentration limit allowed by Chapter 112, Subchapter B as demonstrated by air dispersion modeling. Fermi America will comply with the procedures outlined in §112.33 for calculation of H<sub>2</sub>S emissions for determination of compliance with emission limits.

### **§112.41-47 Control of Sulfuric Acid**

Fermi America will comply with the provisions of 30 TAC §112.41 and will operate facilities covered by this application such that H<sub>2</sub>SO<sub>4</sub> emissions will not cause an exceedance of the net ground level concentration limit allowed by 30 TAC §112.41(a), as demonstrated by air dispersion modeling. Fermi America will comply with the procedures outlined in 30 TAC §112.33 for calculation of H<sub>2</sub>SO<sub>4</sub> emissions for determination of compliance with emission limits.



#### **§112.51-59 Control of Total Reduced Sulfur**

The Project does not include any kraft pulp mills; therefore, these sections related to total reduced sulfur (TRS) do not apply.

#### **§112.100-308 Sulfur Compound Nonattainment Areas**

Chapter 112, Subchapters E, F, and G apply to Howard County, Hutchinson County, and Navarro County nonattainment areas, respectively. Project Matador is not located in these nonattainment areas; therefore, these subchapters do not apply.

### **Chapter 113 – Control of Air Pollution from Toxic Materials**

Chapter 113 incorporates by reference the federal standards of performance for HAPs and for designated facilities and pollutants adopted by EPA. Section 6 of this application demonstrates how Project Matador will comply with the applicable standards. Project Matador is not subject to 40 CFR Part 65, and does not operate a municipal solid waste landfill or hospital /medical/infectious waste incinerators.

### **Chapter 114 – Control of Air Pollution from Motor Vehicles**

This application does not seek authorization for mobile source emissions.

### **Chapter 115 – Control of Air Pollution from Volatile Organic Compounds**

#### **§115.110-119 Storage of Volatile Organic Compounds**

Project Matador is not located in any of the applicable nonattainment areas or covered attainment counties subject to this rule; therefore, these sections do not apply.

#### **§115.120-129 Vent Gas Control**

Project Matador does not operate Synthetic Organic Chemical Manufacturing Industry (SOCMI) facilities covered by the subchapters related to vent gas control. As such, this division does not apply.

#### **§115.131-139 Water Separation**

There is no water separator associated with this permit application; therefore, these regulations do not apply.

**§115.140-149 Industrial Wastewater**

There is no industrial wastewater processing facility associated with this permit application; therefore, these sections do not apply.

**§115.152-159 Municipal Solid Waste Landfills**

Project Matador does not operate any municipal solid waste landfill facilities; therefore, these sections do not apply.

**§115.160-169 Batch Processes**

Project Matador does not operate any batch processes; therefore, these sections do not apply.

**§115.170-183 Oil and Natural Gas Service in Ozone Nonattainment Areas**

Project Matador is not located in any of the applicable ozone nonattainment areas subject to this rule; therefore, these sections do not apply.

**§115.211 Loading and Unloading of VOCs**

Project Matador does not operate a gasoline terminal; therefore, 30 TAC §115.211 does not apply.

**§115.212-219 Loading and Unloading of Volatile Organic Compounds**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.

**§115.221-229 Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities**

There is no motor vehicle fuel dispensing associated with Project Matador; therefore, these sections do not apply.

**§115.234-239 Control of Volatile Organic Compound Leaks from Transport Vessels**

Project Matador is not located in any of the applicable nonattainment areas or covered attainment counties subject to this rule; therefore, these sections do not apply.

**§115.240-248 Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities**

There is no motor vehicle fueling dispensing facility at Project Matador; therefore, these sections do not apply.

**§115.252-259 Control of Reid Vapor Pressure of Gasoline**

Project Matador is not located in El Paso County; therefore, these sections do not apply.

**§115.311-319 Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**

Project Matador is not a petroleum refining process unit; therefore, these sections do not apply.

**§115.322-329 Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties**

Project Matador is not a petroleum refinery; therefore, these sections do not apply.

**§115.352-359 Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes**

Project Matador is not a petroleum refinery, Natural Gas/Gasoline Processing unit, or Petrochemical Process unit; therefore, these sections do not apply.

**§115.412-419 Degreasing and Cleanup Processes**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.

**§115.420-429 Surface Coating Processes**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.

**§115.430-449 Flexographic and Rotogravure Processes and Offset Lithographic Printing**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.

**§115.450-459 Control Requirements for Surface Coating Processes**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.

**§115.460-469 Industrial Cleaning Solvents**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.



**§115.470-479 Miscellaneous Industrial Adhesives**

Project Matador is not located in any of the applicable geographic areas subject to this rule; therefore, these sections do not apply.

**§115.510-539 Cutback Asphalt and Pharmaceutical Manufacturing Facilities**

Project Matador does not operate these types of facilities; therefore, these sections do not apply.

**§115.540-549 Degassing or Cleaning of Stationary, Marine, and Transport Vessels**

Project Matador does not operate these types of facilities; therefore, these sections do not apply.

**§115.552-619 Petroleum Dry Cleaning Systems and Consumer Products**

Project Matador does not operate these types of facilities; therefore, these sections do not apply.

**§115.720-789 Highly-Reactive Volatile Organic Compounds**

Project Matador is not located in the HGB ozone nonattainment area; therefore, these sections do not apply.

**§115.901-916 Alternate Means of Control (AMOC)**

Fermi America is not requesting an AMOC as part of this permit application; therefore, these sections do not apply.

**§115.920-923 Early Reductions**

Fermi America is not requesting an extension to comply with any requirement in Chapter 115; therefore, these sections do not apply.

**§115.930-940 Compliance and Control Plan Requirements**

A schedule for achieving compliance with the applicable sections of this regulation will be provided upon request by the Executive Director.

**§115.950 Emissions Trading**

Emission reduction credits and discrete emission reduction credits will not be used to meet the emission control requirements of this chapter.

## **Chapter 116 – Control of Air Pollution by Permits for New Construction/Modification**

### **§116.110      Applicability**

This application is being submitted in compliance with the requirement to obtain appropriate authorization before commencing construction. The construction permit application is being submitted under seal of Texas licensed professional engineer Fermi America is the owner and operator of Project Matador and is responsible for compliance with the requirements in 30 TAC §116.110.

### **§116.111(a)(1) and (a)(2)(A)      Protection of Public Health and Welfare and Proximity to Schools**

This permit application will satisfy all requirements of 30 TAC §116.111. A completed *PI-1 General Application form* signed by an authorized representative of Fermi America is included in this application. This application includes information demonstrating that the emission rates from the new facilities associated with this Project comply with the rules and regulations of the TCEQ and the intent of the TCAA, including protection of health and property of the public. As indicated on Figure 1-1, there are no schools located within 3,000 feet from Project Matador.

### **§116.111(a)(2)(B)      Measurement of Emissions**

Project Matador will measure the emissions of significant air contaminants in accordance with this permit application. A monitoring plan is included the TCEQ Form PI-1 General Application, which details the requirements to demonstrate compliance through monitoring for each pollutant to be emitted from each source to be authorized. For the combined cycle CTGs in this application, Fermi America will install, calibrate, maintain, and operate a continuous emissions monitoring system (CEMS) to measure and record the concentrations of NO<sub>x</sub>, CO, and diluents (O<sub>2</sub> or carbon dioxide) in the combined cycle CTG stacks. Additionally, continuous monitoring systems will be used to monitor and record the average hourly natural gas consumption of the combined cycle CTGs, and for measurement of the concentrations of NH<sub>3</sub> slip when the combined cycle CTG SCR units are in operation.

### **§116.111(a)(2)(C)      Best Available Control Technology (BACT)**

Project Matador will utilize BACT with consideration given to the technical practicability and economic reasonableness of reducing emissions. A BACT analysis was performed for the Project, which is presented in Section 5 of this application.

### **§116.111(a)(2)(D)      New Source Performance Standards (NSPS)**

Fermi America will comply with the applicable Standards of Performance for New Stationary Sources (NSPS), 40 CFR Part 60 Subparts, as discussed above.

**§116.111(a)(2)(E) National Emission Standards for Hazardous Air Pollutants (NESHAP)**

The emission sources at the site are not subject to any NESHAP as specified in 40 CFR Part 61; therefore, this requirement is not applicable.

**§116.111(a)(2)(F) NESHAP for Source Categories (MACT)**

Fermi America will comply with the requirements of 40 CFR Part 63 NESHAP for Source Categories (MACT Standards), as discussed in Section 6.

**§116.111(2)(G) Performance Demonstration**

Project Matador will achieve the performance specified in this application, which has been determined by equipment vendor guarantees, regulatory prescribed emission factors, and other indicia of reliability in the information used to determine expected emissions performance. Fermi America will measure emissions of regulated air contaminants from the CTGs through emissions performance testing, continuous emissions monitoring, and parameter monitoring. The CTG stacks will be equipped with a CEMS for measuring emissions of NO<sub>x</sub> and CO. Other pollutants will be monitored by measuring the fuel input to the combustion turbine and applying the emission factors used in this application.

Fermi America will operate all process and emissions control equipment according to instructions and recommendations provided by the equipment vendors and in compliance with applicable regulatory requirements and the terms of any TCEQ permit. If requested by the Executive Director, Fermi America will provide additional performance data and testing as appropriate in order to demonstrate further that the Project will achieve the performance specified in the application.

**§116.111(a)(2)(H) Nonattainment Review**

Project Matador is located in Carson County, Texas, which is classified as an attainment or unclassifiable area for all criteria pollutants; therefore, nonattainment review is not required.

**§116.111(a)(2)(I) Prevention of Significant Deterioration (PSD) Review**

PSD review applies for NO<sub>x</sub>, CO, VOC, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and CO<sub>2e</sub> emissions from the proposed Project, and Fermi America will comply with all applicable requirements in 30 TAC Chapter 116, Subchapter B, Division 6 concerning PSD review.

#### **§116.111(a)(2)(J)      Air Dispersion Modeling**

Fermi America will submit computerized air dispersion modeling to the TCEQ following the TCEQ Air Dispersion Modeling Team (ADMT) review and approval of the PSD Modeling Protocol and Electronic Modeling Evaluation Workbook (EMEW) for Non-SCREEN3 (version 3.0), which are included as Appendix D to this application. The protocol addresses the proposed modeling methodologies that will be used to demonstrate that the air emissions associated with this Project will not cause or contribute to a violation of any applicable NAAQS or PSD Increments, nor cause any adverse human health or welfare effects, and to provide an assessment of the project's effect on the overall environment.

Acceptable air dispersion modeling with a demonstration of compliance with the NAAQS and Increments for NO<sub>2</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> at all receptors will be performed. Additionally, a State Property Line impacts analysis will be performed for all sulfur compounds. A final AQA and modeling report will be submitted after consultation with TCEQ.

#### **§116.111(a)(2)(K)      Hazardous Air Pollutants**

Affected sources subject to this subchapter are those sources for which no MACT standard has been promulgated under 40 CFR Part 63. Project Matador does not have any affected sources that meet these criteria and therefore this section is not applicable.

#### **§116.111(a)(2)(L)      Mass Cap and Trade Allowances**

Project Matador is not located in the HGB ozone nonattainment area; therefore, these sections do not apply.

#### **§116.112      Distance Limitations**

Project Matador is not a lead smelter or concrete crushing facility; therefore, these sections do not apply.

#### **§116.114      Application Review Schedule**

Fermi America will comply with all conditions of the TCEQ permit review schedule.

#### **§116.115      General and Special Conditions**

Fermi America will comply with all conditions and provisions of the TCEQ air permit.



**§116.116      Changes to Facilities**

Project Matador will be operated in accordance with the representations made in this application. Any changes in the construction or operation of the facilities from the representations made in this permit application that result in changes in the method of controlling emissions, the character of the emissions, or an increase in emissions will be proceeded by proper authorization.

**§116.117      Documentation and Notification of Changes to Qualified Facilities**

This section does not apply to this permit application.

**§116.119      De Minimis Facilities or Sources**

No de-minimis facilities or sources are represented in this permit application.

**§116.120      Voiding of Permits**

Once authorized, Fermi America will begin and continue the construction of the Project such that its permits will not become void under this section.

**§116.127      Actual to Projected Actual and Emission Exclusion Test for Emissions**

This section does not apply to this permit application.

**§116.128      Amendment Application, Public Notice and Contested Case Hearing Procedures for Certain Electric Generating Facilities**

This section does not apply to this permit application.

**§116.140-143    Permit Fees**

As detailed in Section 2.6, Fermi America will remit the appropriate permit application fee in accordance with this section. Likewise, as detailed in Section 2.7, Fermi America will remit the air permitting surcharge payment for expedited processing of this permit application.

**§116.150      New Major Source or Major Modification in Ozone Nonattainment Area**

Project Matador is located in Carson County, Texas, which is classified as an attainment or unclassifiable area for all criteria pollutants; therefore, the requirements of this section are not applicable.

**§116.151 New Major Source or Major Modification in Nonattainment Area other than Ozone**

Project Matador is located in Carson County, Texas, which is classified as an attainment area or unclassifiable area for all criteria pollutants; therefore, this section does not apply to this permit application.

**§116.160-163 Prevention of Significant Deterioration Review**

PSD review applies for NO<sub>x</sub>, CO, VOC, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and CO<sub>2e</sub> emissions from the proposed Project, and Project Matador will comply with all applicable requirements in 30 TAC Chapter 116, Subchapter B, Division 6 concerning PSD review.

**§116.170-176 Emissions Reductions: Offsets**

Emission offsets are not required for this Project.

**§116.178 Portable Facilities**

There are no portable facilities associated with this permit application. Therefore, the requirements of this section do not apply.

**§116.180-198 Plant-wide Applicability Limits**

Fermi America is not requesting plant-wide applicability limits with this application; therefore, these sections do not apply.

**§116.310-315 New Source Review Permit Renewal**

These sections do not apply to this permit application since it is not a renewal application.

**§116.400-406 Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources**

Affected sources subject to this subchapter are those sources for which no MACT standard has been promulgated under 40 CFR Part 63. Project Matador does not have any affected sources that meet these criteria and therefore this section is not applicable.

**§116.601-620 Standard Permits**

This application is not a request for authorization under a Standard Permit; therefore, these sections do not apply to this permit application.

#### **§116.710-765 Flexible Permits**

Project Matador will not operate under a flexible permit and this application is not a request for authorization under a Flexible Permit; therefore, these sections do not apply to this permit application.

#### **§116.770-870 Permits for Grandfathered Facilities**

These sections do not apply to this permit application.

#### **§116.910-931 Electric Generating Facility Permits**

Project Matador is not a grandfathered electric generating facility (EGF); therefore, these sections do not apply.

#### **§116.1010-1070 Multiple Plant Permits**

These sections do not apply to this permit application.

#### **§116.1200 Emergency Orders**

Fermi America will apply for an emergency order in compliance with these rules if a catastrophic event occurs that necessitates such action.

#### **§116.1400-1428 Permits for Specific Designated Facilities**

These sections do not apply to this application.

#### **§116.1500-1540 Best Available Retrofit Technology (BART)**

These sections do not apply to this application.

### **Chapter 117 – Control of Air Pollution from Nitrogen Compounds**

Project Matador is not located in an ozone nonattainment area and is not subject to Chapter 117, Subchapter B (Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas), Subchapter C (Combustion Control at Major Utility Electric Generation Sources in Ozone Nonattainment Areas), or Subchapter D (Combustion Control at Minor Sources in Ozone Nonattainment Areas). Project Matador is not located in the covered geographic regions subject to Chapter 117, Subchapter E (Multi-Region Combustion Control) and therefore the sections in Subchapter E do not apply.

Project Matador does not operate any acid manufacturing facilities, and therefore the sections in Subchapter F do not apply to this permit application. Fermi America does not operate any units

subject to Chapter 117 and is not located in the covered geographic regions subject to Chapter 117. As such, Project Matador is not subject to the general monitoring and testing requirements (Subchapter G) and administrative provisions (Subchapter H).

### **Chapter 118 – Control of Air Pollution Episodes**

The Project sources will be operated in compliance with any orders of the Commission relating to generalized and localized air pollution episodes. Fermi America will implement all reasonably available emission reduction methods in the event of a Level I air pollution episode and will comply with the TCEQ directions to reduce or curtail emission rates in the event of a Level II episode as specified in 30 TAC §§118.2 and 118.3, respectively, upon request of the TCEQ.

### **Chapter 122 – Federal Operating Permits**

Fermi America will apply for the appropriate Federal Operating Permit (FOP) authorizations for the Project.



# Section 7

## Federal Regulatory Requirements

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### 7.1 New Source Performance Standards (NSPS)

The following NSPS rules as promulgated under Title 40 Code of Federal Regulations (40 CFR) Part 60 apply to this Project:

#### **Subpart A – General Provisions**

Project Matador will comply with the general reporting and testing requirements of the General Provisions, where applicable.

#### **Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

NSPS Subpart IIII applies to the emergency generator engines and fire suppression system pumps to be installed as part of this Project. Fermi America will comply with Subpart IIII through the use of engines certified to meet the Subpart IIII emission requirements, proper operation and maintenance of the equipment, and firing of ULSD fuel meeting federal diesel fuel specifications.

#### **Subpart KKKK—Standards of Performance for Stationary Combustion Turbines**

NSPS Subpart KKKK applies to the combustion turbines to be installed as part of this Project. Fermi America will meet the required Subpart KKKK NO<sub>x</sub> limit of 15 ppm @ 15% O<sub>2</sub>. The NO<sub>x</sub> limit is on a 4-hour rolling average for combined cycle units. The fuel burned will not contain potential sulfur in excess of 0.060 lb/MMBtu.

#### **Subpart TTTTa— Standards of Performance for Greenhouse Gas (GHG) Emissions for New Construction and Reconstruction Stationary Combustion Turbine Electric Generating Units**

Fermi America will not be subject to NSPS Subpart TTTTa because the plant will not supply or sell electricity to the power grid. Specifically, the GHG standards included in this subpart apply to turbine(s) that “serves a generator or generators capable of selling greater than 25 MW of electricity to a utility power distribution system [§60.5509a(a)(2)].” The Project’s combustion turbines will not sell electricity to a utility power distribution system and the Project’s power generation solely for on-site use.

See **Table 7-1** for NSPS applicability determination and details of applicable subparts. Fermi America will comply with all applicable requirements in 40 CFR Part 60.

**Table 7-1 40 CFR 60 New Source Performance Standards (NSPS)**

| <b>40 CFR 60 Subpart</b>                                                                                                                                                                                                    | <b>Unit</b>                                                                    | <b>Applies</b> | <b>Basis for Applicability</b>                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Subpart A-General Provisions                                                                                                                                                                                                | All Equipment Subject to a Subpart of 40 CFR 60                                | Yes            | All sources subject to a 40 CFR 60 Subpart are required to meet the general provisions in Subpart A, as applicable.                                                       |
| Subpart KKKK—Standards of Performance for Stationary Combustion Turbines                                                                                                                                                    | HSRGA1-HRSGA18, HSRGB1-HRSGB18, HSRGC1-HRSGC18, HSRGD1-HRSGD18, HSRGE1-HRSGE18 | Yes            | The combustion turbines have a peak heat input of greater than 10 MMBtu/hr.                                                                                               |
| Subpart TTTT—Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units                                                                                                                            | n/a                                                                            | No             | The stationary combustion turbines will not be connected to the utility power grid and will not be capable of selling electricity to a utility power distribution system. |
| Subpart TTTTa—Standards of Performance for Greenhouse Gas Emissions for Modified Coal-Fired Steam Electric Generating Units and New Construction and Reconstruction Stationary Combustion Turbine Electric Generating Units | n/a                                                                            | No             | The stationary combustion turbines will not sell electricity to a utility power distribution system.                                                                      |
| Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines                                                                                                                       | Engine-1, Engine-2, FPUMP1, FPUMP2, EGEN1 - EGEN6                              | Yes            | Engines manufactured after the applicable model year dates.                                                                                                               |
| Subpart Kc - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984        | n/a                                                                            | No             | The tanks store ULSD fuel, which has a maximum vapor pressure less than 0.25 psia.                                                                                        |

## **7.2 National Emission Standards for Hazardous Air Pollutants (NESHAP)**

There are no NESHAPS in 40 CFR Part 61 promulgated by the US EPA pursuant to section 112 of the FCAA that apply to the Project.

## **7.3 Maximum Achievable Control Technologies for NESHAP Source Categories**

The following MACT standards promulgated under 40 CFR Part 63 apply to this Project:

### **Subpart A – General Provisions**

Project Matador will comply with the general reporting and testing requirements of the General Provisions, where applicable.

### **Subpart YYYY—National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines**

MACT Subpart YYYY, National Emission Standards for Stationary Gas Turbines applies to the combustion turbines. Fermi America's gas turbines are lean premix gas-fired units and will comply with the applicable standards, namely the concentration of formaldehyde will be limited to 91 ppbvd at 15% O<sub>2</sub>. Additionally, the oxidation catalyst will maintain a four-hour rolling inlet temperature within the range suggested by the manufacturer.

### **Subpart ZZZZ—National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

The emergency generators and supplemental generators are subject to the requirements of 40 CFR 63 Subpart ZZZZ for Stationary Internal Combustion Engines (ICE). The emergency engines and black start generators are new compression ignition engines greater than 500 horsepower (HP) and thus will meet the formaldehyde limit of 580 ppbvd or less at 15 percent O<sub>2</sub> specified in Table 2A. Both types of engines will meet the operating temperature and pressure drop requirements specified in 40 CFR 63 Subpart ZZZZ, Table 2b. The Project Matador fire pump engines have a HP rating less than 500 HP and therefore do not have any requirements under Subpart ZZZZ.

See **Table 7-2** for MACT standards applicability determination and details of the applicable subparts. Fermi America will comply with all applicable requirements in 40 CFR Part 63.

**Table 7-2 40 CFR 63 NESHAP for Source Categories (MACT Standards)**

| <b>40 CFR 63 Subpart</b>                                                                                                                     | <b>Unit</b>                                                                    | <b>Applies</b> | <b>Basis for Applicability</b>                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------|
| Subpart A - General Provisions                                                                                                               | All Equipment Subject to a Subpart of 40 CFR 63                                | Yes            | All sources subject to a 40 CFR 63 Subpart are required to meet the general provisions in Subpart A, as applicable. |
| Subpart YYYY—National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines                                     | HSRGA1-HRSGA18, HSRGB1-HRSGB18, HSRGC1-HRSGC18, HSRGD1-HRSGD18, HSRGE1-HRSGE18 | Yes            | The combustion turbines are located at a major source of HAP emissions.                                             |
| Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines            | Engine 1, Engine 2, EGEN1 - EGEN6                                              | Yes            | The listed units are stationary reciprocating internal combustion engines (RICE) located at a major source of HAPs. |
| Subpart H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks                                             | n/a                                                                            | No             | This subpart is only applicable if referenced by another subpart.                                                   |
| Subpart TT – National Emission Standards for Equipment Leaks – Control Level 1                                                               | n/a                                                                            | No             | This subpart is only applicable if referenced by another subpart.                                                   |
| Subpart UU– National Emission Standards for Equipment Leaks – Control Level 2 Standards                                                      | n/a                                                                            | No             | This subpart is only applicable if referenced by another subpart.                                                   |
| Subpart WW – National Emission Standards for Storage Vessels (Tanks) – Control Level 2                                                       | n/a                                                                            | No             | This subpart is only applicable if referenced by another subpart.                                                   |
| Subpart YY – National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Achievable Control Technology Standards | n/a                                                                            | No             | The plant is not one of the list source categories and therefore not subject to this subpart.                       |



## **7.4 Disaster Review**

This section addresses the assurance of regulatory compliance with TCEQ regulatory requirements and EPA regulations on Chemical Accident Prevention Provisions promulgated in 40 CFR Part 68. Fermi America will not store or handle any chemicals of concern in sufficient quantities or concentrations to trigger the requirement for a disaster review. The combined cycle CTGs will use 19-percent aqueous ammonia in the SCR system, which is not a chemical of concern with respect to disaster review. The quantity and concentration of the aqueous ammonia to be stored will not be subject to USEPA's Risk Management Program codified at 40 CFR 68.

# Appendix A

## TCEQ Administrative Tables and Forms

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- Form PI-1 General Application; Excel workbook file (version 6.1)
- TCEQ Core Data Form
- Form APD-EXP Expedited Permitting Request
- Form APD-APS Air Permitting Surcharge Payment
- TCEQ Plain Language Summary for New Source Review (NSR) Initial Permits; English and Spanish
- TCEQ Public Involvement Plan (PIP) Form
- TCEQ Table 2 *Material Balance*
- TCEQ Table 7(a) *Vertical Fixed Roof Storage Tank Summary*
- TCEQ Table 29 *Reciprocating Engines*
- TCEQ Table 31 *Combustion Turbines*
- TCEQ Table 1F *Air Quality Application Supplement*
- TCEQ Table 2F *Project Emissions Increase Supplement*
- TCEQ Fugitive Emission Calculations; Excel workbook file (version 2.1)

### I. Applicant Information

**I acknowledge that I am submitting an authorized TCEQ application workbook and any necessary attachments. Except for inputting the requested data and adjusting row height and column width, I have not changed the TCEQ application workbook in any way, including but not limited to changing formulas, formatting, content, or protections.**

I agree

### A. Company Information

Company or Legal Name: Fermi Equipment Holdco LLC

Permits are issued to either the facility owner or operator, commonly referred to as the applicant or permit holder. List the legal name of the company, corporation, partnership, or person who is applying for the permit. We will verify the legal name with the Texas Secretary of State at (512) 463-5555 or at the link below.

<https://www.sos.state.tx.us>

Texas Secretary of State Charter/Registration  
Number (if given):

### B. Company Official Contact Information: must not be a consultant

Prefix (Mr., Ms., Dr., etc.): Mr.  
First Name: Charles  
Last Name: Hamilton  
Title: Director of Development  
Mailing Address: 600 S. Tyler, Suite 1501  
Address Line 2:  
City: Amarillo  
State: Texas  
ZIP Code: 79101  
Telephone Number: 806-789-4300  
Fax Number:  
Email Address: [charlie.hamilton@fermiamerica.com](mailto:charlie.hamilton@fermiamerica.com)

**C. Technical Contact Information:** This person must have the authority to make binding agreements and representations on behalf of the applicant and may be a consultant. **Additional technical contact(s) can be provided in a cover letter.**

Prefix (Mr., Ms., Dr., etc.): Ms.  
First Name: Elizabeth  
Last Name: Stanko  
Title: Director, Energy Transition Projects  
Company or Legal Name: TRC Environmental Corporation  
Mailing Address: 11767 Katy Fwy, Suite 850  
Address Line 2:  
City: Houston  
State: TX  
ZIP Code: 77079  
Telephone Number: 713-244-1039  
Fax Number:  
Email Address: [ESTanko@trccompanies.com](mailto:ESTanko@trccompanies.com)

### D. Assigned Numbers

The CN and RN below are assigned when a Core Data Form is initially submitted to the Central Registry. The RN is also assigned if the agency has conducted an investigation or if the agency has issued an enforcement action. If these numbers have not yet been assigned, leave these questions blank and include a Core Data Form with your application submittal. See Section VI.B. below for additional information.

|                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Enter the CN. The CN is a unique number given to each business, governmental body, association, individual, or other entity that owns, operates, is responsible for, or is affiliated with a regulated entity.                                                                                                                                                                                  | TBD |
| Enter the RN. The RN is a unique agency assigned number given to each person, organization, place, or thing that is of environmental interest to us and where regulated activities will occur. The RN replaces existing air account numbers. The RN for portable units is assigned to the unit itself, and that same RN should be used when applying for authorization at a different location. | TBD |

## II. Delinquent Fees and Penalties

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Does the applicant have unpaid delinquent fees and/or penalties owed to the TCEQ?<br>This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at the link below:<br><a href="https://www.tceq.texas.gov/agency/financial/fees/delin">https://www.tceq.texas.gov/agency/financial/fees/delin</a> | No |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|

## III. Permit Information

### A. Permit and Action Type (multiple may be selected, leave no blanks)

Additional information regarding the different NSR authorizations can be found at the link below:

<https://www.tceq.texas.gov/permitting/air/guidance/authorize.html>

Select from the dropdown the type of action being requested for each permit type. **If that permit type does not apply, you MUST select "Not applicable".**

Provide all assigned permit numbers relevant for the project. Leave blank if the permit number has not yet been assigned.

| Permit Type                                                                                                                                                                                                                        | Action Type Requested<br>(do not leave blank) | Permit Number (if assigned) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------|
| Minor NSR (can be a Title V major source): <i>Not applicable, Initial, Amendment, Renewal, Renewal Certification, Renewal/Amendment, Relocation/Alteration, Change of Location, Alteration, Extension to Start of Construction</i> | Initial                                       | TBD                         |
| Special Permit: <i>Not applicable, Amendment, Renewal, Renewal Certification, Renewal/Amendment, Alteration, Extension to Start of Construction</i>                                                                                | Not applicable                                |                             |
| De Minimis: <i>Not applicable, Initial</i>                                                                                                                                                                                         | Not applicable                                |                             |
| Flexible: <i>Not applicable, Initial, Amendment, Renewal, Renewal Certification, Renewal/Amendment, Alteration, Extension to Start of Construction</i>                                                                             | Not applicable                                |                             |
| PSD: <i>Not applicable, Initial, Major Modification</i>                                                                                                                                                                            | Initial                                       | TBD                         |
| Nonattainment: <i>Not applicable, Initial, Major Modification</i>                                                                                                                                                                  | Not applicable                                |                             |



|                                                                                                                                                                                                                                                                                            |                |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| HAP Major Source [FCAA § 112(g)]: <i>Not applicable, Initial, Major Modification</i>                                                                                                                                                                                                       | Not applicable |     |
| PAL: <i>Not applicable, Initial, Amendment, Renewal, Renewal/Amendment, Alteration</i>                                                                                                                                                                                                     | Not applicable |     |
| GHG PSD: <i>Not applicable, Initial, Major Modification, Voluntary Update</i>                                                                                                                                                                                                              | Initial        | TBD |
| <b>GHG projects:</b> List the non-GHG applications (pending or being submitted) that are associated with the project. Note: All preconstruction authorizations (including authorization for emissions of greenhouse gases, if applicable) must be obtained prior to start of construction. | None           |     |

|                                                                                     |             |  |
|-------------------------------------------------------------------------------------|-------------|--|
| <b>B. MSS Activities</b>                                                            |             |  |
| How are/will MSS activities for sources associated with this project be authorized? | This permit |  |
|                                                                                     |             |  |

|                                                                            |    |  |
|----------------------------------------------------------------------------|----|--|
| <b>C. Consolidating NSR Permits</b>                                        |    |  |
| Will this permit be consolidated into another NSR permit with this action? | No |  |
|                                                                            |    |  |
|                                                                            |    |  |
|                                                                            |    |  |
|                                                                            |    |  |
|                                                                            |    |  |
| Will NSR permits be consolidated into this permit with this action?        | No |  |
|                                                                            |    |  |
|                                                                            |    |  |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>D. Incorporation of Standard Permits, Standard Exemptions, and/or Permits By Rule (PBR)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>To ensure protectiveness, previously issued authorizations (standard permits, standard exemptions, or PBRs) including those for MSS, are incorporated into a permit either by consolidation or by reference.</p> <ul style="list-style-type: none"> <li>-Authorizations entirely incorporated by consolidation will be voided when the project is complete, and the sources and allowable emissions will be added to the NSR permit's MAERT.</li> <li>-Authorizations incorporated by reference will be referenced with the final action for this project but will not be voided. Sources will continue to be authorized in the current manner.</li> </ul> <p>At the time of renewal and/or amendment, consolidation (in some cases) may be voluntary and referencing is mandatory. More guidance regarding incorporation can be found in:</p> <ul style="list-style-type: none"> <li>- 30 TAC § 116.116(d)(2),</li> <li>- 30 TAC § 116.615(3),</li> <li>- and the memo titled "Revised Permits by Rule and Standard Permit Consolidation Into Permits - September 2006" which can be found at the link below.</li> </ul> |

[https://www.tceq.texas.gov/permitting/air/memos/nsr\\_memos.html](https://www.tceq.texas.gov/permitting/air/memos/nsr_memos.html)

|                                                                                                                                                                                                                                                                                                                   |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Are there any standard permits, standard exemptions, or PBRs to be incorporated by reference?                                                                                                                                                                                                                     | No |
|                                                                                                                                                                                                                                                                                                                   |    |
| Are there any PBR, standard exemptions, or standard permits associated to be incorporated by consolidation? <b>Note:</b> Emission calculations, a BACT analysis, and an impacts analysis must be attached to this application at the time of submittal for any authorization to be incorporated by consolidation. | No |
|                                                                                                                                                                                                                                                                                                                   |    |
|                                                                                                                                                                                                                                                                                                                   |    |

#### E. Associated Federal Operating Permits

|                                                                                                                                                             |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Is this facility located at a site required to obtain a <b>site operating permit (SOP)</b> or <b>general operating permit (GOP)</b> ?                       | Yes |
| Is a <b>SOP</b> or <b>GOP</b> review pending for this source, area, or site?                                                                                | No  |
| If required to obtain a <b>SOP</b> or <b>GOP</b> , list all associated permit number(s). If no associated permit number has been assigned yet, enter "TBD": | TBD |

#### IV. Facility Location and General Information

##### A. Location

|                                                                                                                                                                                                                          |                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| County: Enter the county where the facility is physically located.                                                                                                                                                       | Carson                                                                                                                                                       |
| TCEQ Region:                                                                                                                                                                                                             | Region 1                                                                                                                                                     |
| County attainment status:                                                                                                                                                                                                | attainment or unclassified for all pollutants                                                                                                                |
| Street Address:                                                                                                                                                                                                          |                                                                                                                                                              |
| City: If the address is not located in a city, then enter the city or town closest to the facility, even if it is not in the same county as the facility.                                                                |                                                                                                                                                              |
| ZIP Code: Include the ZIP Code of the physical facility site, not the ZIP Code of the applicant's mailing address.                                                                                                       |                                                                                                                                                              |
| Site Location Description: If there is no street address, provide written driving directions to the site. Identify the location by distance and direction from well-known landmarks such as major highway intersections. | Project site is located approximately 15 miles northeast of Amarillo, TX along US Hwy 60, near intersection of US Hwy 60 & FM2373 on north side of the road. |
| Is this a project for a lead smelter, concrete crushing facility, and/or a hazardous waste management facility?                                                                                                          | No                                                                                                                                                           |

|                                                                                                                                                                                                                                                         |                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>B. General Information</b>                                                                                                                                                                                                                           |                                                                                    |
| Site Name:                                                                                                                                                                                                                                              | Fermi America Project Matador                                                      |
| Area Name: Must indicate the general type of operation, process, equipment or facility. Include numerical designations, if appropriate. Examples are Sulfuric Acid Plant and No. 5 Steam Boiler. Vague names such as Chemical Plant are not acceptable. | Fermi America Energy Center                                                        |
| Are there any schools located within 3,000 feet of the site boundary?                                                                                                                                                                                   | No                                                                                 |
| <b>C. Portable Facility</b>                                                                                                                                                                                                                             |                                                                                    |
| Permanent or portable facility?                                                                                                                                                                                                                         | Permanent                                                                          |
| <b>D. Industry Type</b>                                                                                                                                                                                                                                 |                                                                                    |
| Principal Company Product/Business:                                                                                                                                                                                                                     | Electric Generation                                                                |
| A list of SIC codes can be found at the link below:<br><a href="https://www.naics.com/sic-codes-industry-drilldown/">https://www.naics.com/sic-codes-industry-drilldown/</a>                                                                            |                                                                                    |
| Principal SIC code:                                                                                                                                                                                                                                     | 4911                                                                               |
| NAICS codes and conversions between NAICS and SIC Codes are available at the link below:<br><a href="https://www.census.gov/naics/">https://www.census.gov/naics/</a>                                                                                   |                                                                                    |
| Principal NAICS code:                                                                                                                                                                                                                                   | 221112                                                                             |
| <b>E. State Senator and Representative for this site</b>                                                                                                                                                                                                |                                                                                    |
| This information can be found at the link below (note, the website is not compatible to Internet Explorer):<br><a href="https://wrm.capitol.texas.gov/">https://wrm.capitol.texas.gov/</a>                                                              |                                                                                    |
| State Senator:                                                                                                                                                                                                                                          | Kevin Sparks                                                                       |
| District:                                                                                                                                                                                                                                               | 31                                                                                 |
| State Representative:                                                                                                                                                                                                                                   | Caroline Fairly                                                                    |
| District:                                                                                                                                                                                                                                               | 87                                                                                 |
| <b>V. Project Information</b>                                                                                                                                                                                                                           |                                                                                    |
| <b>A. Description</b>                                                                                                                                                                                                                                   |                                                                                    |
| Provide a <b>brief</b> description of the project that is requested (describe the what, not the how and why). Limited to 500 characters.                                                                                                                | Construction of new combined cycle electric generating plant at a greenfield site. |
| <b>B. Project Timing</b>                                                                                                                                                                                                                                |                                                                                    |
| Authorization must be obtained for many projects before beginning construction. Construction is broadly interpreted as anything other than site clearance or site preparation. Enter the date as "Month Date, Year" (e.g. July 4, 1776).                |                                                                                    |
| Projected Start of Construction:                                                                                                                                                                                                                        | January 1, 2026                                                                    |
| Projected Start of Operation:                                                                                                                                                                                                                           | February 1, 2026                                                                   |
| <b>C. Enforcement Projects</b>                                                                                                                                                                                                                          |                                                                                    |
| Is this application in response to, or related to, an agency investigation, notice of violation, or enforcement action?                                                                                                                                 | No                                                                                 |

|                                                                            |  |     |
|----------------------------------------------------------------------------|--|-----|
|                                                                            |  |     |
| <b>D. Operating Schedule</b>                                               |  |     |
| Will sources in this project be authorized to operate 8760 hours per year? |  | Yes |
|                                                                            |  |     |
|                                                                            |  |     |
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>VI. Application Materials</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
| All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. (30 TAC § 116.116)                                                                                                                                                                                                                                                                         |     |
| <b>A. Confidential Application Materials</b>                                                                                                                                                                                                                                                                                                                                                                                                                  |     |
| Is confidential information submitted with this application?                                                                                                                                                                                                                                                                                                                                                                                                  | No  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |
| <b>B. Is the Core Data Form (Form 10400) attached?</b> Link to form and instructions below.<br><a href="https://www.tceq.texas.gov/permitting/central_registry/guidance.html">https://www.tceq.texas.gov/permitting/central_registry/guidance.html</a>                                                                                                                                                                                                        |     |
| Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| <b>C. Is a current area map attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |     |
| Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| Is the area map a current map with a true north arrow, an accurate graduated scale, the entire plant property, the location of the property relative to prominent geographical features including, but not limited to, highways, roads, streams, and significant landmarks such as buildings, residences, schools, parks, hospitals, day care centers, and churches?                                                                                          | Yes |
| Does the map show a 3,000-foot radius from the property boundary?                                                                                                                                                                                                                                                                                                                                                                                             | Yes |
| <b>D. Is a plot plan attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| Does your plot plan clearly show a north arrow, an accurate graduated scale, all property lines, all emission points, buildings, tanks, process vessels, other process equipment, and two bench mark locations?                                                                                                                                                                                                                                               | Yes |
| Does your plot plan identify all emission points on the affected property, including all emission points authorized by other air authorizations, construction permits, PBRs, special permits, and standard permits?                                                                                                                                                                                                                                           | Yes |
| Did you include a table of emission points indicating the authorization type and authorization identifier, such as a permit number, registration number, or rule citation under which each emission point is currently authorized?                                                                                                                                                                                                                            | Yes |
| <b>E. Is a process flow diagram attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
| Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| Is the process flow diagram sufficiently descriptive so the permit reviewer can determine the raw materials to be used in the process; all major processing steps and major equipment items; individual emission points associated with each process step; the location and identification of all emission abatement devices; and the location and identification of all waste streams (including wastewater streams that may have associated air emissions)? | Yes |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>F. Is a process description attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes |
| Does the process description emphasize where the emissions are generated, why the emissions must be generated, what air pollution controls are used (including process design features that minimize emissions), and where the emissions enter the atmosphere?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes |
| Does the process description also explain how the facility or facilities will be operating when the maximum possible emissions are produced?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes |
| <b>G. Is a detailed list of requested actions included in the application?</b> This list can be included in the project description.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes |
| <b>H. Are detailed calculations attached? Calculations must be provided for each source with new or changing emission rates. For example, a new source, changing emission factors, decreasing emissions, consolidated sources, etc. Calculations do not need to be submitted for sources without any proposed emission rate changes. Note: the preferred format is an electronic workbook (such as Excel) with all formulas viewable for review.</b>                                                                                                                                                                                                                                                                                                                                                                                         | Yes |
| Are emission rates and associated calculations for planned MSS facilities and related activities attached?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes |
| <b>I. Is a material balance (Table 2, Form 10155) attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes |
| Table 2 (Form 10155), entitled Material Balance: A material balance representation may be required for all applications to confirm technical emissions information. Typically this is required for refining and chemical manufacturing processes involving reactions, separations, and blending. It may also be requested by the permit reviewer for other applications. Table 2 should represent the total material balance; that is, all streams into the system and all streams out. Additional sheets may be attached if necessary. Complex material balances may be presented on spreadsheets or indicated using process flow diagrams. All materials in the process should be addressed whether or not they directly result in the emission of an air contaminant. All production rates must be based on maximum operating conditions. |     |
| <b>J. Is a list of MSS activities attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes |
| Are the MSS activities listed and discussed separately, each complete with the authorization mechanism or emission rates, frequency, duration, and supporting information if authorized by this permit?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes |
| <b>K. Is a discussion of state regulatory requirements attached, addressing 30 TAC Chapters 101, 111, 112, 113, 115, and 117?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes |
| For all applicable chapters, does the discussion include how the facility will comply with the requirements of the chapter?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes |
| For all not applicable chapters, does the discussion include why the chapter is not applicable?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes |
| <b>M. Is a Public Involvement Plan (PIP) required for this project?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No  |
| Requirements can be found at the following link: <a href="https://www.tceq.texas.gov/permitting/air#pip">https://www.tceq.texas.gov/permitting/air#pip</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |
| <b>N. Are all other required tables, calculations, and descriptions attached?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes |

|                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VII. Signature</b>                                                                                                                                                                                                                                                                       |
| The owner or operator of the facility must apply for authority to construct. The appropriate company official (owner, plant manager, president, vice president, or environmental director) must sign all copies of the application. The applicant's consultant cannot sign the application. |
| <b>This application must be submitted and signed in STEERS.</b>                                                                                                                                                                                                                             |

Page 8



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| <b>G. Rock and Concrete Crushers</b>                        |    |
| Is this a project for a rock or concrete crushing facility? | No |
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| VIII. Federal Regulatory Questions                                                                                                                                      |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Indicate if any of the following requirements apply to the proposed facility. Note that some federal regulations apply to minor sources. Enter all applicable Subparts. |               |
| <b>A. Title 40 CFR Part 60</b>                                                                                                                                          |               |
| Do NSPS subpart(s) apply to a facility in this application?                                                                                                             | Yes           |
| List applicable subparts you will demonstrate compliance with (e.g. Subpart M)                                                                                          | A, KKKK, IIII |
| <b>B. Title 40 CFR Part 61</b>                                                                                                                                          |               |
| Do NESHAP subpart(s) apply to a facility in this application?                                                                                                           | No            |



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**C. Title 40 CFR Part 63**

|                                                                                   |               |
|-----------------------------------------------------------------------------------|---------------|
| Do MACT subpart(s) apply to a facility in this application?                       | Yes           |
| List applicable subparts you will demonstrate compliance with (e.g. Subpart VVVV) | A, YYYY, ZZZZ |

**IX. Emissions Review**

**A. Impacts Analysis**

Any change that may result in an increase in off-property concentrations of air contaminants requires an air quality impacts demonstration, which may include a qualitative analysis, the MERA, and/or modeling. Information regarding the air quality impacts demonstration must be provided with the application and show compliance with all state and federal requirements. Detailed requirements for the information necessary to make the demonstration are listed on the Impacts sheet.

|                                                                                                                                                  |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Are there any increases in short-term and/or long-term allowable emission rates?                                                                 | Yes |
| Can all the emission rate increases be attributed to speciation of currently authorized PM emissions and/or revisions of AP-42 or TCEQ guidance? | No  |
| Are there any new or modified control devices or emission sources?                                                                               | Yes |
| Are there any changes to emission point discharge parameters? Consider all parameters on the Stack Parameters sheet, including location.         | Yes |
| Will any PBR registrations, standard permit, or standard exemptions be incorporated by consolidation?                                            | No  |
| Does this project require an impacts analysis?                                                                                                   | Yes |

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| Will off property impacts for any of the pollutants require Tier III Toxicology Effects Evaluation as defined in Appendix D of MERA? | No |
|--------------------------------------------------------------------------------------------------------------------------------------|----|

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**B. Disaster Review**

If the proposed facility will handle sufficient quantities of certain chemicals which, if released accidentally, would cause off-property impacts that could be immediately dangerous to life and health, a disaster review analysis may be required as part of the application. Contact the appropriate NSR permitting section for assistance at (512) 239-1250. For additional guidance, see "Disaster Review Fact Sheet" at the webpage linked below.

[https://www.tceq.texas.gov/permitting/air/nav/air\\_docs\\_newsource.html](https://www.tceq.texas.gov/permitting/air/nav/air_docs_newsource.html)

|                                                                                             |    |
|---------------------------------------------------------------------------------------------|----|
| Does this application involve any air contaminants for which a disaster review is required? | No |
|---------------------------------------------------------------------------------------------|----|

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**C. Air Pollutant Watch List**

Certain areas of the state have concentrations of specific pollutants that are of concern. The TCEQ has designated these portions of the state as watch list areas. Location of a facility in a watch list area could result in additional restrictions on emissions of the affected air pollutant(s) or additional permit requirements. The location of the areas and pollutants of interest can be found at the link below:

<https://www.tceq.texas.gov/toxicology/apwl/apwl.html>

|                                                        |    |
|--------------------------------------------------------|----|
| Is the proposed facility located in a watch list area? | No |
|                                                        |    |
|                                                        |    |

#### D. Mass Emissions Cap and Trade

|                                                                                                                                                                                  |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Is this facility located at a site within the Houston/Galveston nonattainment area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)? | No |
|                                                                                                                                                                                  |    |
|                                                                                                                                                                                  |    |
|                                                                                                                                                                                  |    |

#### X. Additional Requirements

##### A. Bulk Fuel Terminals

|                                           |    |
|-------------------------------------------|----|
| Is this project for a bulk fuel terminal? | No |
|                                           |    |
|                                           |    |
|                                           |    |
|                                           |    |
|                                           |    |

##### B. Plant Fuel Gas Facilities

|                                        |    |
|----------------------------------------|----|
| Does this site utilize plant fuel gas? | No |
|----------------------------------------|----|

| Permit primary industry (must be selected for workbook to function) |                                                  |                          |                             |                                                               |                |                            |                         |                                         |                                      | Chemical / Energy           |                          |                               |                            |                                                                 |                                                         |
|---------------------------------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| Action Requested (only 1 action per FIN)                            | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
| New/Modified                                                        | Yes                                              | NGFUG                    | NGFUG                       | Natural Gas Piping Fugitives                                  | VOC            |                            |                         |                                         |                                      | 0.006040451                 | 0.026457174              | 0.0061                        | 0.0265                     | Fugitives: Piping and Equipment Leak                            |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | H2S            |                            |                         |                                         |                                      | 5.71002E-05                 | 0.000250099              | 0.0001                        | 0.0003                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 0.155262113              | 0                             | 0.1553                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 29.9954901               | 0                             | 29.9955                    |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 840.028985               | 0                             | 840.029                    |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | NH3FUG                   | NH3FUG                      | SCR Delivery System Fugitives                                 | NH3            |                            |                         |                                         |                                      | 0.02127126                  | 0.093168119              | 0.0213                        | 0.0932                     | Fugitives: Piping and Equipment Leak                            |                                                         |
| New/Modified                                                        | Yes                                              | CT-1                     | CT-1                        | Cooling Tower 1                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-2                     | CT-2                        | Cooling Tower 2                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-3                     | CT-3                        | Cooling Tower 3                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-4                     | CT-4                        | Cooling Tower 4                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-5                     | CT-5                        | Cooling Tower 5                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-6                     | CT-6                        | Cooling Tower 6                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-7                     | CT-7                        | Cooling Tower 7                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-8                     | CT-8                        | Cooling Tower 8                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-9                     | CT-9                        | Cooling Tower 9                                               | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-10                    | CT-10                       | Cooling Tower 10                                              | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-11                    | CT-11                       | Cooling Tower 11                                              | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-12                    | CT-12                       | Cooling Tower 12                                              | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-13                    | CT-13                       | Cooling Tower 13                                              | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-14                    | CT-14                       | Cooling Tower 14                                              | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | CT-15                    | CT-15                       | Cooling Tower 15                                              | PM             |                            |                         |                                         |                                      | 1.5012                      | 6.575256                 | 1.5012                        | 6.5753                     | Cooling Tower                                                   |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 0.750539524                 | 3.287363114              | 0.7506                        | 3.2874                     |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 0.003056944                 | 0.013389413              | 0.0031                        | 0.0134                     |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | HRSGA-1                  | HRSGA-1                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 1 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.5817                      | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | HRSGA-1                  | HRSGA-1                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 1               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                                                        | Yes                                              | HRSGA-1                  | HRSGA-1                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 1            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                                                     |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-2                  | HRSGA-2                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 2 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-2                  | HRSGA-2                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 2               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-2                  | HRSGA-2                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 2            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-3                  | HRSGA-3                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 3 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-3                  | HRSGA-3                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 3               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-3                  | HRSGA-3                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 3            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-4                  | HRSGA-4                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 4 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-4                  | HRSGA-4                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 4               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-4                  | HRSGA-4                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 4            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-5                  | HRSGA-5                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 5 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-5                  | HRSGA-5                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 5               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-5                  | HRSGA-5                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 5            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGA-6                  | HRSGA-6                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 6 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-6                  | HRSGA-6                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 6               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-6                  | HRSGA-6                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 6            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-7                  | HRSGA-7                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 7 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-7                  | HRSGA-7                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 7               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-7                  | HRSGA-7                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 7            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-8                  | HRSGA-8                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 8 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-8                  | HRSGA-8                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 8                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-8                  | HRSGA-8                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 8             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-9                  | HRSGA-9                     | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 9  | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-9                  | HRSGA-9                     | Siemens SGT-800 Turbine (MSS) Block A Turbine 9                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-9                  | HRSGA-9                     | Siemens SGT-800 Turbine (Annual) Block A Turbine 9             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-10                 | HRSGA-10                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 10 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-10                 | HRSGA-10                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 10               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-10                 | HRSGA-10                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 10            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-11                 | HRSGA-11                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 11 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-11                 | HRSGA-11                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 11               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-11                 | HRSGA-11                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 11            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-12                 | HRSGA-12                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 12 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGA-12                 | HRSGA-12                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 12               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-12                 | HRSGA-12                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 12            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-13                 | HRSGA-13                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 13 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-13                 | HRSGA-13                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 13               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-13                 | HRSGA-13                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 13            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-14                 | HRSGA-14                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 14 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-14                 | HRSGA-14                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 14               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-14                 | HRSGA-14                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 14            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-15                 | HRSGA-15                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 15 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-15                 | HRSGA-15                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 15               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-15                 | HRSGA-15                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 15            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-16                 | HRSGA-16                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 16 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-16                 | HRSGA-16                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 16               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-16                 | HRSGA-16                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 16            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-17                 | HRSGA-17                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 17 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-17                 | HRSGA-17                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 17               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-17                 | HRSGA-17                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 17            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-18                 | HRSGA-18                    | Siemens SGT-800 Turbine (Normal Operations) Block A Turbine 18 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-18                 | HRSGA-18                    | Siemens SGT-800 Turbine (MSS) Block A Turbine 18               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGA-18                 | HRSGA-18                    | Siemens SGT-800 Turbine (Annual) Block A Turbine 18            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-1                 | HRSG-B-1                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 1 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-1                 | HRSG-B-1                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 1               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-1                 | HRSG-B-1                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 1            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-2                 | HRSG-B-2                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 2 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-2                 | HRSG-B-2                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 2               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-2                 | HRSG-B-2                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 2            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-3                  | HRSGB-3                     | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 3 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-3                  | HRSGB-3                     | Siemens SGT-800 Turbine (MSS) Block B Turbine 3               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-3                  | HRSGB-3                     | Siemens SGT-800 Turbine (Annual) Block B Turbine 3            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-4                  | HRSGB-4                     | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 4 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-4                  | HRSGB-4                     | Siemens SGT-800 Turbine (MSS) Block B Turbine 4               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-4                  | HRSGB-4                     | Siemens SGT-800 Turbine (Annual) Block B Turbine 4            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-5                 | HRSG-B-5                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 5 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 0                        | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-5                 | HRSG-B-5                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 5               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 0                        | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-5                 | HRSG-B-5                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 5            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-6                 | HRSG-B-6                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 6 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 0                        | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-6                 | HRSG-B-6                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 6               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 0                        | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-6                 | HRSG-B-6                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 6            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSG-B-7                 | HRSG-B-7                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 7 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-7                 | HRSG-B-7                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 7               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-7                 | HRSG-B-7                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 7            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-8                 | HRSG-B-8                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 8 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-8                 | HRSG-B-8                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 8               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-8                 | HRSG-B-8                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 8            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-9                 | HRSG-B-9                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 9 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-9                  | HRSGB-9                     | Siemens SGT-800 Turbine (MSS) Block B Turbine 9                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-9                  | HRSGB-9                     | Siemens SGT-800 Turbine (Annual) Block B Turbine 9             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-10                 | HRSGB-10                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 10 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-10                 | HRSGB-10                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 10               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-10                 | HRSGB-10                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 10            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-11                 | HRSGB-11                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 11 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-11                | HRSG-B-11                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 11               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-11                | HRSG-B-11                   | Siemens SGT-800 Turbine (Annual) Block B Turbine 11            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-12                | HRSG-B-12                   | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 12 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-12                | HRSG-B-12                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 12               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-12                | HRSG-B-12                   | Siemens SGT-800 Turbine (Annual) Block B Turbine 12            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-13                | HRSG-B-13                   | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 13 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSG-B-13                | HRSG-B-13                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 13               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-13                | HRSG-B-13                   | Siemens SGT-800 Turbine (Annual) Block B Turbine 13            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-14                | HRSG-B-14                   | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 14 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-14                | HRSG-B-14                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 14               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-14                | HRSG-B-14                   | Siemens SGT-800 Turbine (Annual) Block B Turbine 14            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-15                | HRSG-B-15                   | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 15 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-15                | HRSG-B-15                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 15               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-15                | HRSG-B-15                   | Siemens SGT-800 Turbine (Annual) Block B Turbine 15            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-16                | HRSG-B-16                   | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 16 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-16                | HRSG-B-16                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 16               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-16                | HRSG-B-16                   | Siemens SGT-800 Turbine (Annual) Block B Turbine 16            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-17                | HRSG-B-17                   | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 17 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSG-B-17                | HRSG-B-17                   | Siemens SGT-800 Turbine (MSS) Block B Turbine 17               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-17                 | HRSGB-17                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 17            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-18                 | HRSGB-18                    | Siemens SGT-800 Turbine (Normal Operations) Block B Turbine 18 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-18                 | HRSGB-18                    | Siemens SGT-800 Turbine (MSS) Block B Turbine 18               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-18                 | HRSGB-18                    | Siemens SGT-800 Turbine (Annual) Block B Turbine 18            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-18                 | HRSGB-18                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 1  | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-18                 | HRSGB-18                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 1                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGB-18                 | HRSGB-18                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 1             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-2                  | HRSGC-2                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 2 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-2                  | HRSGC-2                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 2               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-2                  | HRSGC-2                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 2            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-3                  | HRSGC-3                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 3 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-3                  | HRSGC-3                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 3               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-3                  | HRSGC-3                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 3            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-4                  | HRSGC-4                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 4 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-4                  | HRSGC-4                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 4               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-4                  | HRSGC-4                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 4            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-5                  | HRSGC-5                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 5 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-5                  | HRSGC-5                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 5               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-5                  | HRSGC-5                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 5            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-6                  | HRSGC-6                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 6 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-6                  | HRSGC-6                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 6               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-6                  | HRSGC-6                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 6            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-7                  | HRSGC-7                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 7 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-7                  | HRSGC-7                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 7               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-7                  | HRSGC-7                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 7            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGC-8                  | HRSGC-8                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 8  | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-8                  | HRSGC-8                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 8                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-8                  | HRSGC-8                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 8             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-9                  | HRSGC-9                     | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 9  | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-9                  | HRSGC-9                     | Siemens SGT-800 Turbine (MSS) Block C Turbine 9                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-9                  | HRSGC-9                     | Siemens SGT-800 Turbine (Annual) Block C Turbine 9             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-10                 | HRSGC-10                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 10 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-10                 | HRSGC-10                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 10               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-10                 | HRSGC-10                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 10            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-11                 | HRSGC-11                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 11 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-11                 | HRSGC-11                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 11               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-11                 | HRSGC-11                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 11            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-12                 | HRSGC-12                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 12 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-12                 | HRSGC-12                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 12               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-12                 | HRSGC-12                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 12            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-13                 | HRSGC-13                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 13 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-13                 | HRSGC-13                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 13               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-13                 | HRSGC-13                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 13            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-14                 | HRSGC-14                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 14 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGC-14                 | HRSGC-14                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 14               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-14                 | HRSGC-14                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 14            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-15                 | HRSGC-15                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 15 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-15                 | HRSGC-15                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 15               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-15                 | HRSGC-15                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 15            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-16                 | HRSGC-16                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 16 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-16                 | HRSGC-16                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 16               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-16                 | HRSGC-16                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 16            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-17                 | HRSGC-17                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 17 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-17                 | HRSGC-17                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 17               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-17                 | HRSGC-17                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 17            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-18                 | HRSGC-18                    | Siemens SGT-800 Turbine (Normal Operations) Block C Turbine 18 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-18                 | HRSGC-18                    | Siemens SGT-800 Turbine (MSS) Block C Turbine 18               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGC-18                 | HRSGC-18                    | Siemens SGT-800 Turbine (Annual) Block C Turbine 18           | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-1                  | HRSGD-1                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 1 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-1                  | HRSGD-1                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 1               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-1                  | HRSGD-1                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 1            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-2                  | HRSGD-2                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 2 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-2                  | HRSGD-2                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 2               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-2                  | HRSGD-2                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 2            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-3                  | HRSGD-3                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 3 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-3                  | HRSGD-3                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 3               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-3                  | HRSGD-3                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 3            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-4                  | HRSGD-4                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 4 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-4                  | HRSGD-4                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 4               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-4                  | HRSGD-4                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 4            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-5                  | HRSGD-5                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 5 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-5                  | HRSGD-5                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 5               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-5                  | HRSGD-5                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 5            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-6                  | HRSGD-6                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 6 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-6                  | HRSGD-6                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 6               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-6                  | HRSGD-6                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 6            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-7                  | HRSGD-7                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 7 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-7                  | HRSGD-7                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 7               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-7                  | HRSGD-7                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 7            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-8                  | HRSGD-8                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 8 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-8                  | HRSGD-8                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 8               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-8                  | HRSGD-8                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 8            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGD-9                  | HRSGD-9                     | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 9  | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-9                  | HRSGD-9                     | Siemens SGT-800 Turbine (MSS) Block D Turbine 9                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-9                  | HRSGD-9                     | Siemens SGT-800 Turbine (Annual) Block D Turbine 9             | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-10                 | HRSGD-10                    | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 10 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-10                 | HRSGD-10                    | Siemens SGT-800 Turbine (MSS) Block D Turbine 10               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-10                 | HRSGD-10                    | Siemens SGT-800 Turbine (Annual) Block D Turbine 10            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-11                 | HRSGD-11                    | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 11 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-11                | HRS GD-11                   | Siemens SGT-800 Turbine (MSS) Block D Turbine 11               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-11                | HRS GD-11                   | Siemens SGT-800 Turbine (Annual) Block D Turbine 11            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-12                | HRS GD-12                   | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 12 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-12                | HRS GD-12                   | Siemens SGT-800 Turbine (MSS) Block D Turbine 12               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-12                | HRS GD-12                   | Siemens SGT-800 Turbine (Annual) Block D Turbine 12            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-13                | HRS GD-13                   | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 13 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-13                 | HRSGD-13                    | Siemens SGT-800 Turbine (MSS) Block D Turbine 13               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-13                 | HRSGD-13                    | Siemens SGT-800 Turbine (Annual) Block D Turbine 13            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-14                 | HRSGD-14                    | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 14 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-14                 | HRSGD-14                    | Siemens SGT-800 Turbine (MSS) Block D Turbine 14               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-14                 | HRSGD-14                    | Siemens SGT-800 Turbine (Annual) Block D Turbine 14            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-15                 | HRSGD-15                    | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 15 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRS GD-15                | HRS GD-15                   | Siemens SGT-800 Turbine (MSS) Block D Turbine 15               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-15                | HRS GD-15                   | Siemens SGT-800 Turbine (Annual) Block D Turbine 15            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-16                | HRS GD-16                   | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 16 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-16                | HRS GD-16                   | Siemens SGT-800 Turbine (MSS) Block D Turbine 16               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-16                | HRS GD-16                   | Siemens SGT-800 Turbine (Annual) Block D Turbine 16            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-17                | HRS GD-17                   | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 17 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRS GD-17                | HRS GD-17                   | Siemens SGT-800 Turbine (MSS) Block D Turbine 17               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-17                 | HRSGD-17                    | Siemens SGT-800 Turbine (Annual) Block D Turbine 17            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-18                 | HRSGD-18                    | Siemens SGT-800 Turbine (Normal Operations) Block D Turbine 18 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-18                 | HRSGD-18                    | Siemens SGT-800 Turbine (MSS) Block D Turbine 18               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGD-18                 | HRSGD-18                    | Siemens SGT-800 Turbine (Annual) Block D Turbine 18            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-1                  | HRSGE-1                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 1  | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-1                  | HRSGE-1                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 1                | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-1                  | HRSGE-1                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 1            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-2                  | HRSGE-2                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 2 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-2                  | HRSGE-2                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 2               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-2                  | HRSGE-2                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 2            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-3                  | HRSGE-3                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 3 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-3                  | HRSGE-3                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 3               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-3                  | HRSGE-3                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 3            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-4                  | HRSGE-4                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 4 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-4                  | HRSGE-4                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 4               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-4                  | HRSGE-4                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 4            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-5                  | HRSGE-5                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 5 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-5                  | HRSGE-5                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 5               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-5                  | HRSGE-5                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 5            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-6                  | HRSGE-6                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 6 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-6                  | HRSGE-6                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 6               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-6                  | HRSGE-6                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 6            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-7                  | HRSGE-7                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 7 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-7                  | HRSGE-7                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 7               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-7                  | HRSGE-7                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 7            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                   | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-8                  | HRSGE-8                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 8 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-8                  | HRSGE-8                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 8               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-8                  | HRSGE-8                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 8            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-9                  | HRSGE-9                     | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 9 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-9                  | HRSGE-9                     | Siemens SGT-800 Turbine (MSS) Block E Turbine 9               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-9                  | HRSGE-9                     | Siemens SGT-800 Turbine (Annual) Block E Turbine 9            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                               | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                               | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGE-10                 | HRSGE-10                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 10 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-10                 | HRSGE-10                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 10               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-10                 | HRSGE-10                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 10            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-11                 | HRSGE-11                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 11 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-11                 | HRSGE-11                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 11               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-11                 | HRSGE-11                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 11            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-12                 | HRSGE-12                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 12 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-12                 | HRSGE-12                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 12               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-12                 | HRSGE-12                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 12            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-13                 | HRSGE-13                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 13 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-13                 | HRSGE-13                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 13               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-13                 | HRSGE-13                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 13            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-14                 | HRSGE-14                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 14 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-14                 | HRSGE-14                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 14               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-14                 | HRSGE-14                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 14            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-15                 | HRSGE-15                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 15 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-15                 | HRSGE-15                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 15               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-15                 | HRSGE-15                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 15            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-16                 | HRSGE-16                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 16 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                                    | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|----------------------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | HRSGE-16                 | HRSGE-16                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 16               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-16                 | HRSGE-16                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 16            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-17                 | HRSGE-17                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 17 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-17                 | HRSGE-17                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 17               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-17                 | HRSGE-17                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 17            | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-18                 | HRSGE-18                    | Siemens SGT-800 Turbine (Normal Operations) Block E Turbine 18 | VOC            |                            |                         |                                         |                                      | 1.3                         | --                       | 1.3                           | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 3.764306785                 | --                       | 3.7644                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 4.581638338                 | --                       | 4.5817                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-18                 | HRSGE-18                    | Siemens SGT-800 Turbine (MSS) Block E Turbine 18               | VOC            |                            |                         |                                         |                                      | 10.08                       | --                       | 10.08                         | 0                          | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                                | NOx            |                            |                         |                                         |                                      | 21.55858407                 | --                       | 21.5586                       | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                                | CO             |                            |                         |                                         |                                      | 72.248983                   | --                       | 72.249                        | 0                          |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                         | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|-----------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                                                     | NH3            |                            |                         |                                         |                                      | 6.954272478                 | --                       | 6.9543                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | SO2            |                            |                         |                                         |                                      | 0.716029516                 | --                       | 0.7161                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | H2SO4          |                            |                         |                                         |                                      | 0.109582676                 | --                       | 0.1096                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 2.457607083                 | --                       | 2.4577                        | 0                          |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO2 Equivalent |                            |                         |                                         |                                      | --                          | --                       | 0                             | 0                          |                                                                 |                                                         |
| New/Modified                             | Yes                                              | HRSGE-18                 | HRSGE-18                    | Siemens SGT-800 Turbine (Annual) Block E Turbine 18 | VOC            |                            |                         |                                         |                                      | --                          | 6.1776                   | 0                             | 6.1776                     | Turbine: Combined Cycle, Natural Gas                            |                                                         |
|                                          |                                                  |                          |                             |                                                     | Nox            |                            |                         |                                         |                                      | --                          | 17.49126372              | 0                             | 17.4913                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO             |                            |                         |                                         |                                      | --                          | 23.68157592              | 0                             | 23.6816                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | NH3            |                            |                         |                                         |                                      | --                          | 15.22985673              | 0                             | 15.2299                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | SO2            |                            |                         |                                         |                                      | --                          | 3.136209282              | 0                             | 3.1363                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | H2SO4          |                            |                         |                                         |                                      | --                          | 0.479972123              | 0                             | 0.48                       |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | --                          | 10.76431902              | 0                             | 10.7644                    |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO2            |                            |                         |                                         |                                      | --                          | 261533.1214              | 0                             | 261533.1215                |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CH4            |                            |                         |                                         |                                      | --                          | 4.929007188              | 0                             | 4.9291                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | N2O            |                            |                         |                                         |                                      | --                          | 0.492900719              | 0                             | 0.493                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 261801.7523              | 0                             | 261801.7524                |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV1                     | LOV1                        | Lube Oil Vent 1                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV2                     | LOV2                        | Lube Oil Vent 2                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV3                     | LOV3                        | Lube Oil Vent 3                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV4                     | LOV4                        | Lube Oil Vent 4                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV5                     | LOV5                        | Lube Oil Vent 5                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV6                     | LOV6                        | Lube Oil Vent 6                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV7                     | LOV7                        | Lube Oil Vent 7                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV8                     | LOV8                        | Lube Oil Vent 8                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV9                     | LOV9                        | Lube Oil Vent 9                                     | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV10                    | LOV10                       | Lube Oil Vent 10                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV11                    | LOV11                       | Lube Oil Vent 11                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV12                    | LOV12                       | Lube Oil Vent 12                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV13                    | LOV13                       | Lube Oil Vent 13                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV14                    | LOV14                       | Lube Oil Vent 14                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV15                    | LOV15                       | Lube Oil Vent 15                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV16                    | LOV16                       | Lube Oil Vent 16                                    | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name      | Pollutant | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|------------------|-----------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV17                    | LOV17                       | Lube Oil Vent 17 | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV18                    | LOV18                       | Lube Oil Vent 18 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV19                    | LOV19                       | Lube Oil Vent 19 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV20                    | LOV20                       | Lube Oil Vent 20 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV21                    | LOV21                       | Lube Oil Vent 21 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV22                    | LOV22                       | Lube Oil Vent 22 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV23                    | LOV23                       | Lube Oil Vent 23 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV24                    | LOV24                       | Lube Oil Vent 24 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV25                    | LOV25                       | Lube Oil Vent 25 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV26                    | LOV26                       | Lube Oil Vent 26 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV27                    | LOV27                       | Lube Oil Vent 27 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV28                    | LOV28                       | Lube Oil Vent 28 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV29                    | LOV29                       | Lube Oil Vent 29 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV30                    | LOV30                       | Lube Oil Vent 30 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV31                    | LOV31                       | Lube Oil Vent 31 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV32                    | LOV32                       | Lube Oil Vent 32 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV33                    | LOV33                       | Lube Oil Vent 33 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV34                    | LOV34                       | Lube Oil Vent 34 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV35                    | LOV35                       | Lube Oil Vent 35 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV36                    | LOV36                       | Lube Oil Vent 36 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV37                    | LOV37                       | Lube Oil Vent 37 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name      | Pollutant | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|------------------|-----------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV38                    | LOV38                       | Lube Oil Vent 38 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV39                    | LOV39                       | Lube Oil Vent 39 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV40                    | LOV40                       | Lube Oil Vent 40 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV41                    | LOV41                       | Lube Oil Vent 41 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV42                    | LOV42                       | Lube Oil Vent 42 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV43                    | LOV43                       | Lube Oil Vent 43 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV44                    | LOV44                       | Lube Oil Vent 44 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV45                    | LOV45                       | Lube Oil Vent 45 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV46                    | LOV46                       | Lube Oil Vent 46 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV47                    | LOV47                       | Lube Oil Vent 47 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV48                    | LOV48                       | Lube Oil Vent 48 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV49                    | LOV49                       | Lube Oil Vent 49 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV50                    | LOV50                       | Lube Oil Vent 50 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV51                    | LOV51                       | Lube Oil Vent 51 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV52                    | LOV52                       | Lube Oil Vent 52 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV53                    | LOV53                       | Lube Oil Vent 53 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV54                    | LOV54                       | Lube Oil Vent 54 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV55                    | LOV55                       | Lube Oil Vent 55 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV56                    | LOV56                       | Lube Oil Vent 56 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV57                    | LOV57                       | Lube Oil Vent 57 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV58                    | LOV58                       | Lube Oil Vent 58 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name      | Pollutant | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|------------------|-----------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV59                    | LOV59                       | Lube Oil Vent 59 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV60                    | LOV60                       | Lube Oil Vent 60 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV61                    | LOV61                       | Lube Oil Vent 61 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV62                    | LOV62                       | Lube Oil Vent 62 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV63                    | LOV63                       | Lube Oil Vent 63 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV64                    | LOV64                       | Lube Oil Vent 64 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV65                    | LOV65                       | Lube Oil Vent 65 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV66                    | LOV66                       | Lube Oil Vent 66 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV67                    | LOV67                       | Lube Oil Vent 67 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV68                    | LOV68                       | Lube Oil Vent 68 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV69                    | LOV69                       | Lube Oil Vent 69 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV70                    | LOV70                       | Lube Oil Vent 70 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV71                    | LOV71                       | Lube Oil Vent 71 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV72                    | LOV72                       | Lube Oil Vent 72 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV73                    | LOV73                       | Lube Oil Vent 73 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV74                    | LOV74                       | Lube Oil Vent 74 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV75                    | LOV75                       | Lube Oil Vent 75 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV76                    | LOV76                       | Lube Oil Vent 76 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV77                    | LOV77                       | Lube Oil Vent 77 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV78                    | LOV78                       | Lube Oil Vent 78 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM10      |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                  | PM2.5     |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |
| New/Modified                             | Yes                                              | LOV79                    | LOV79                       | Lube Oil Vent 79 | VOC       |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                    |                                                         |
|                                          |                                                  |                          |                             |                  | PM        |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                 |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name               | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements)            | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|---------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV80                    | LOV80                       | Lube Oil Vent 80          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV81                    | LOV81                       | Lube Oil Vent 81          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV82                    | LOV82                       | Lube Oil Vent 82          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV83                    | LOV83                       | Lube Oil Vent 83          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV84                    | LOV84                       | Lube Oil Vent 84          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV85                    | LOV85                       | Lube Oil Vent 85          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV86                    | LOV86                       | Lube Oil Vent 86          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV87                    | LOV87                       | Lube Oil Vent 87          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV88                    | LOV88                       | Lube Oil Vent 88          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV89                    | LOV89                       | Lube Oil Vent 89          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | LOV90                    | LOV90                       | Lube Oil Vent 90          | VOC            |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     | Process Vent                                                               |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.01815                     | 0.079497                 | 0.0182                        | 0.0795                     |                                                                            |                                                         |
| New/Modified                             | Yes                                              | TNK-DSL1                 | TNK-DSL1                    | Diesel Tank 1             | VOC            |                            |                         |                                         |                                      | 0.109079392                 | 0.006287203              | 0.1091                        | 0.0063                     | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia |                                                         |
| New/Modified                             | Yes                                              | TNK-DSL2                 | TNK-DSL2                    | Diesel Tank 2             | VOC            |                            |                         |                                         |                                      | 0.109079392                 | 0.004902437              | 0.1091                        | 0.005                      | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia |                                                         |
| New/Modified                             | Yes                                              | TNK-DSL3                 | TNK-DSL3                    | Diesel Tank 3             | VOC            |                            |                         |                                         |                                      | 0.109079392                 | 0.004902437              | 0.1091                        | 0.005                      | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia |                                                         |
| New/Modified                             | Yes                                              | TNK-DSL4                 | TNK-DSL4                    | Diesel Tank 4             | VOC            |                            |                         |                                         |                                      | 0.109079392                 | 0.004902437              | 0.1091                        | 0.005                      | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia |                                                         |
| New/Modified                             | Yes                                              | FPUMP1                   | FPUMP1                      | Fire System Pump Engine 1 | VOC            |                            |                         |                                         |                                      | 2.301581528                 | 0.115079076              | 2.3016                        | 0.1151                     | Engine: Emergency, Diesel                                                  |                                                         |
|                                          |                                                  |                          |                             |                           | NOx            |                            |                         |                                         |                                      | 2.301581528                 | 0.115079076              | 2.3016                        | 0.1151                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO             |                            |                         |                                         |                                      | 2.013883837                 | 0.100694192              | 2.0139                        | 0.1007                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | SO2            |                            |                         |                                         |                                      | 0.003749043                 | 0.000187452              | 0.0038                        | 0.0002                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.115079076                 | 0.005753954              | 0.1151                        | 0.0058                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.115079076                 | 0.005753954              | 0.1151                        | 0.0058                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.115079076                 | 0.005753954              | 0.1151                        | 0.0058                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO2            |                            |                         |                                         |                                      | --                          | 19.97410142              | 0                             | 19.9742                    |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CH4            |                            |                         |                                         |                                      | --                          | 0.000810199              | 0                             | 0.0009                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | N2O            |                            |                         |                                         |                                      | --                          | 0.00016204               | 0                             | 0.0002                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 20.03972752              | 0                             | 20.0398                    |                                                                            |                                                         |
| New/Modified                             | Yes                                              | FPUMP2                   | FPUMP2                      | Fire System Pump Engine 2 | VOC            |                            |                         |                                         |                                      | 2.301581528                 | 0.115079076              | 2.3016                        | 0.1151                     | Engine: Emergency, Diesel                                                  |                                                         |
|                                          |                                                  |                          |                             |                           | NOx            |                            |                         |                                         |                                      | 2.301581528                 | 0.115079076              | 2.3016                        | 0.1151                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO             |                            |                         |                                         |                                      | 2.013883837                 | 0.100694192              | 2.0139                        | 0.1007                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | SO2            |                            |                         |                                         |                                      | 0.003749043                 | 0.000187452              | 0.0038                        | 0.0002                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 0.115079076                 | 0.005753954              | 0.1151                        | 0.0058                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 0.115079076                 | 0.005753954              | 0.1151                        | 0.0058                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 0.115079076                 | 0.005753954              | 0.1151                        | 0.0058                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO2            |                            |                         |                                         |                                      | --                          | 19.97410142              | 0                             | 19.9742                    |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CH4            |                            |                         |                                         |                                      | --                          | 0.000810199              | 0                             | 0.0009                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | N2O            |                            |                         |                                         |                                      | --                          | 0.00016204               | 0                             | 0.0002                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 20.03972752              | 0                             | 20.0398                    |                                                                            |                                                         |
| New/Modified                             | Yes                                              | EGEN1                    | EGEN1                       | Emergency Engine 1        | VOC            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     | Engine: Emergency, Diesel                                                  |                                                         |
|                                          |                                                  |                          |                             |                           | NOx            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | CO             |                            |                         |                                         |                                      | 25.89279219                 | 1.29463961               | 25.8928                       | 1.2947                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | SO2            |                            |                         |                                         |                                      | 0.048201976                 | 0.002410099              | 0.0483                        | 0.0025                     |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM             |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM10           |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                            |                                                         |
|                                          |                                                  |                          |                             |                           | PM2.5          |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                            |                                                         |

| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name             | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|-------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 256.8098754              | 0                             | 256.8099                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.010416842              | 0                             | 0.0105                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.002083368              | 0                             | 0.0021                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 257.6536395              | 0                             | 257.6537                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | EGEN2                    | EGEN2                       | Emergency Engine 2      | VOC            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 25.89279219                 | 1.29463961               | 25.8928                       | 1.2947                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.048201976                 | 0.002410099              | 0.0483                        | 0.0025                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 256.8098754              | 0                             | 256.8099                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.010416842              | 0                             | 0.0105                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.002083368              | 0                             | 0.0021                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 257.6536395              | 0                             | 257.6537                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | EGEN3                    | EGEN3                       | Emergency Engine 3      | VOC            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 25.89279219                 | 1.29463961               | 25.8928                       | 1.2947                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.048201976                 | 0.002410099              | 0.0483                        | 0.0025                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 256.8098754              | 0                             | 256.8099                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.010416842              | 0                             | 0.0105                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.002083368              | 0                             | 0.0021                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 257.6536395              | 0                             | 257.6537                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | EGEN4                    | EGEN4                       | Emergency Engine 4      | VOC            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 25.89279219                 | 1.29463961               | 25.8928                       | 1.2947                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.048201976                 | 0.002410099              | 0.0483                        | 0.0025                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 256.8098754              | 0                             | 256.8099                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.010416842              | 0                             | 0.0105                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.002083368              | 0                             | 0.0021                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 257.6536395              | 0                             | 257.6537                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | EGEN5                    | EGEN5                       | Emergency Engine 5      | VOC            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 25.89279219                 | 1.29463961               | 25.8928                       | 1.2947                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.048201976                 | 0.002410099              | 0.0483                        | 0.0025                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 256.8098754              | 0                             | 256.8099                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.010416842              | 0                             | 0.0105                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.002083368              | 0                             | 0.0021                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 257.6536395              | 0                             | 257.6537                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | EGEN6                    | EGEN6                       | Emergency Engine 6      | VOC            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 47.34682001                 | 2.367341001              | 47.3469                       | 2.3674                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 25.89279219                 | 1.29463961               | 25.8928                       | 1.2947                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.048201976                 | 0.002410099              | 0.0483                        | 0.0025                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 1.479588125                 | 0.073979406              | 1.4796                        | 0.074                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 256.8098754              | 0                             | 256.8099                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.010416842              | 0                             | 0.0105                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.002083368              | 0                             | 0.0021                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 257.6536395              | 0                             | 257.6537                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | ENGINE-1                 | ENGINE-1                    | Black Start Generator 1 | VOC            |                            |                         |                                         |                                      | 28.21916956                 | 1.410958478              | 28.2192                       | 1.411                      | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 28.21916956                 | 1.410958478              | 28.2192                       | 1.411                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 15.43235835                 | 0.771617918              | 15.4324                       | 0.7717                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.028728851                 | 0.001436443              | 0.0288                        | 0.0015                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 0.881849049                 | 0.044092452              | 0.8819                        | 0.0441                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 0.881849049                 | 0.044092452              | 0.8819                        | 0.0441                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 0.881849049                 | 0.044092452              | 0.8819                        | 0.0441                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 114.1377224              | 0                             | 114.1378                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.004629708              | 0                             | 0.0047                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.000925942              | 0                             | 0.001                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 114.5127287              | 0                             | 114.5128                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | ENGINE-2                 | ENGINE-2                    | Black Start Generator 2 | VOC            |                            |                         |                                         |                                      | 28.21916956                 | 1.410958478              | 28.2192                       | 1.411                      | Engine: Emergency, Diesel                                       |                                                         |
|                                          |                                                  |                          |                             |                         | NOx            |                            |                         |                                         |                                      | 28.21916956                 | 1.410958478              | 28.2192                       | 1.411                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO             |                            |                         |                                         |                                      | 15.43235835                 | 0.771617918              | 15.4324                       | 0.7717                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | SO2            |                            |                         |                                         |                                      | 0.028728851                 | 0.001436443              | 0.0288                        | 0.0015                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM             |                            |                         |                                         |                                      | 0.881849049                 | 0.044092452              | 0.8819                        | 0.0441                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM10           |                            |                         |                                         |                                      | 0.881849049                 | 0.044092452              | 0.8819                        | 0.0441                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | PM2.5          |                            |                         |                                         |                                      | 0.881849049                 | 0.044092452              | 0.8819                        | 0.0441                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2            |                            |                         |                                         |                                      | --                          | 114.1377224              | 0                             | 114.1378                   |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CH4            |                            |                         |                                         |                                      | --                          | 0.004629708              | 0                             | 0.0047                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | N2O            |                            |                         |                                         |                                      | --                          | 0.000925942              | 0                             | 0.001                      |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                         | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 114.5127287              | 0                             | 114.5128                   |                                                                 |                                                         |



| Action Requested (only 1 action per FIN) | Include these emissions in annual (tpy) summary? | Facility ID Number (FIN) | Emission Point Number (EPN) | Source Name                                         | Pollutant      | Current Short-Term (lb/hr) | Current Long-Term (tpy) | Consolidated Current Short-Term (lb/hr) | Consolidated Current Long-Term (tpy) | Proposed Short-Term (lb/hr) | Proposed Long-Term (tpy) | Short-Term Difference (lb/hr) | Long-Term Difference (tpy) | Unit Type (Used for reviewing BACT and Monitoring Requirements) | Unit Type Notes (only if "other" unit type in Column O) |
|------------------------------------------|--------------------------------------------------|--------------------------|-----------------------------|-----------------------------------------------------|----------------|----------------------------|-------------------------|-----------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| New/Modified                             | Yes                                              | MSSFUG                   | MSSFUG                      | ILE Turbine Maintenance Activities                  | VOC            |                            |                         |                                         |                                      | 8.136643719                 | 1.307979177              | 8.1367                        | 1.308                      | MSS Activities                                                  |                                                         |
|                                          |                                                  |                          |                             |                                                     | NOx            |                            |                         |                                         |                                      | 0.010750454                 | 0.009675409              | 0.0108                        | 0.0097                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO             |                            |                         |                                         |                                      | 0.006543755                 | 0.005889379              | 0.0066                        | 0.0059                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | NH3            |                            |                         |                                         |                                      | 0.326017501                 | 0.004380806              | 0.3261                        | 0.0044                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | H2S            |                            |                         |                                         |                                      | 0.011927338                 | 8.23417E-05              | 0.012                         | 0.0001                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM             |                            |                         |                                         |                                      | 0.391882342                 | 0.001175647              | 0.3919                        | 0.0012                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM10           |                            |                         |                                         |                                      | 0.185349756                 | 0.000556049              | 0.1854                        | 0.0006                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | PM2.5          |                            |                         |                                         |                                      | 0.028067249                 | 8.42017E-05              | 0.0281                        | 0.0001                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO2            |                            |                         |                                         |                                      | --                          | 0.051118017              | 0                             | 0.0512                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CH4            |                            |                         |                                         |                                      | --                          | 9.875622179              | 0                             | 9.8757                     |                                                                 |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 304.8646288              | 0                             | 304.8647                   |                                                                 |                                                         |
| New/Modified                             | Yes                                              | FUG-SF6                  | FUG-SF6                     | Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives | SF6            |                            |                         |                                         |                                      | --                          | 0.8125                   | 0                             | 0.8125                     | Fugitives: Piping and Equipment Leak                            |                                                         |
|                                          |                                                  |                          |                             |                                                     | CO2 Equivalent |                            |                         |                                         |                                      | --                          | 19093.75                 | 0                             | 19093.75                   |                                                                 |                                                         |

| Emission Point Discharge Parameters |                   |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
|-------------------------------------|-------------------|----------------------|---------------|----------------|----------------------|--------------------------|--------------------------|----------------|------------------|-------------------------|------------------------|--------------------------|
| EPN                                 | Included in EMEW? | UTM Coordinates Zone | East (meters) | North (meters) | Building Height (ft) | Height Above Ground (ft) | Stack Exit Diameter (ft) | Velocity (FPS) | Temperature (°F) | Fugitives - Length (ft) | Fugitives - Width (ft) | Fugitives - Axis Degrees |
| NGFUG                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| NH3FUG                              | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-1                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-2                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-3                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-4                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-5                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-6                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-7                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-8                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-9                                | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-10                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-11                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-12                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-13                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-14                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| CT-15                               | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-1                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-2                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-3                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-4                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-5                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-6                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-7                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-8                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-9                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-10                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-11                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-12                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-13                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-14                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-15                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-16                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-17                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGA-18                            | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-1                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-2                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-3                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-4                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-5                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-6                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-7                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGB-8                             | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |

Texas Commission on Environmental Quality  
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|-----------|-------------------|----------------------|---------------|----------------|----------------------|--------------------------|--------------------------|----------------|------------------|-------------------------|------------------------|--------------------------|
| HRSG-B-9  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-10 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-11 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-12 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-13 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-14 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-15 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-16 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-17 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-B-18 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-1  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-2  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-3  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-4  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-5  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-6  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-7  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-8  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-9  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-10 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-11 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-12 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-13 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-14 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-15 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-16 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-17 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-C-18 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-1  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-2  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-3  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-4  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-5  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-6  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-7  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-8  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-9  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-10 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-11 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-12 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-13 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-14 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-15 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSG-D-16 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |

Texas Commission on Environmental Quality  
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| EPN      | Included in EMEW? | UTM Coordinates Zone | East (meters) | North (meters) | Building Height (ft) | Height Above Ground (ft) | Stack Exit Diameter (ft) | Velocity (FPS) | Temperature (°F) | Fugitives - Length (ft) | Fugitives - Width (ft) | Fugitives - Axis Degrees |
|----------|-------------------|----------------------|---------------|----------------|----------------------|--------------------------|--------------------------|----------------|------------------|-------------------------|------------------------|--------------------------|
| HRSGD-17 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGD-18 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-1  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-2  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-3  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-4  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-5  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-6  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-7  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-8  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-9  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-10 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-11 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-12 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-13 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-14 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-15 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-16 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-17 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| HRSGE-18 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV1     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV2     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV3     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV4     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV5     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV6     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV7     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV8     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV9     | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV10    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV11    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV12    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV13    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV14    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV15    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV16    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV17    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV18    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV19    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV20    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV21    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV22    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV23    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV24    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |

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|-------|-------------------|----------------------|---------------|----------------|----------------------|--------------------------|--------------------------|----------------|------------------|-------------------------|------------------------|--------------------------|
| LOV25 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV26 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV27 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV28 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV29 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV30 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV31 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV32 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV33 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV34 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV35 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV36 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV37 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV38 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV39 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV40 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV41 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV42 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV43 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV44 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV45 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV46 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV47 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV48 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV49 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV50 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV51 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV52 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV53 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV54 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV55 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV56 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV57 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV58 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV59 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV60 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV61 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV62 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV63 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV64 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV65 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV66 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV67 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV68 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |

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|----------|-------------------|----------------------|---------------|----------------|----------------------|--------------------------|--------------------------|----------------|------------------|-------------------------|------------------------|--------------------------|
| LOV69    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV70    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV71    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV72    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV73    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV74    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV75    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV76    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV77    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV78    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV79    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV80    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV81    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV82    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV83    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV84    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV85    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV86    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV87    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV88    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV89    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| LOV90    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| TNK-DSL1 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| TNK-DSL2 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| TNK-DSL3 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| TNK-DSL4 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| FPUMP1   | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| FPUMP2   | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| EGEN1    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| EGEN2    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| EGEN3    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| EGEN4    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| EGEN5    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| EGEN6    | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| ENGINE-1 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| ENGINE-2 | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| MSSFUG   | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |
| FUG-SF6  | Yes               |                      |               |                |                      |                          |                          |                |                  |                         |                        |                          |



|                                                   |
|---------------------------------------------------|
| I. Public Notice Applicability                    |
| A. Project Increases and Public Notice Thresholds |
|                                                   |

| Pollutant                      |  | Proposed Long-Term (tpy) |  |  |  |
|--------------------------------|--|--------------------------|--|--|--|
| VOC                            |  | 581.75                   |  |  |  |
| PM                             |  | 1075.12                  |  |  |  |
| PM <sub>10</sub>               |  | 1025.80                  |  |  |  |
| PM <sub>2.5</sub>              |  | 976.69                   |  |  |  |
| NO <sub>x</sub>                |  | 1591.48                  |  |  |  |
| CO                             |  | 2140.86                  |  |  |  |
| SO <sub>2</sub>                |  | 282.28                   |  |  |  |
| Pb                             |  | 0.00                     |  |  |  |
| H <sub>2</sub> S               |  | 0.00                     |  |  |  |
| CO <sub>2</sub>                |  | 23539790.22              |  |  |  |
| CH <sub>4</sub>                |  | 483.56                   |  |  |  |
| CO <sub>2</sub> Equivalent     |  | 23584211.38              |  |  |  |
| NH <sub>3</sub>                |  | 1370.78                  |  |  |  |
| H <sub>2</sub> SO <sub>4</sub> |  | 43.20                    |  |  |  |
| N <sub>2</sub> O               |  | 44.38                    |  |  |  |
| SF <sub>6</sub>                |  | 0.81                     |  |  |  |
|                                |  |                          |  |  |  |
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\* Notice is required for PM, PM10, and PM2.5 if one of these pollutants is above the threshold.

\*\* Notice of a GHG action is determined by action type. Initial and major modification always require notice. Voluntary updates require a consolidated notice if there is a change to BACT. Project emission increases of CO<sub>2</sub>e (CO<sub>2</sub> equivalent) are not relevant for determining public notice of GHG permit actions.

#### B. Application Type

To help determine whether public notice is required, answer the following questions.

| Question                                                       | Response | Notes                                                                                                                                          |  |
|----------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                |          |                                                                                                                                                |  |
| Are any HAPs to be authorized/re-authorized with this project? | Yes      | The category "HAPs" must be specifically listed in the public notice if the project authorizes (reauthorizes for renewals) any HAP pollutants. |  |
|                                                                |          |                                                                                                                                                |  |

#### C. Applicability Determination

Read the determination and provide a discussion if you disagree with the results or the table above.

| Requested information                                                   | Response | Notes                                                                                    |  |
|-------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------|--|
| Is public notice required for this project as represented in this PI-1? | Yes      | Public notice applicability for this project may change throughout the technical review. |  |
|                                                                         |          |                                                                                          |  |

#### II. Public Notice Information

Complete this section to provide critical administrative information for the public notice process.

##### A. Contact Information

1. Enter the contact information for the person responsible for publishing. This representative is responsible for ensuring public notice is properly published in the appropriate newspaper and signs are posted at the facility site. The TCEQ will contact this person directly when it is time to authorize the public notice for the application.
2. Enter the contact information for the Technical Contact. This representative will be listed in the public notice as a contact for additional information.

| Requested information         | Person Responsible for Publishing | Technical Contact                   |  |
|-------------------------------|-----------------------------------|-------------------------------------|--|
| Prefix (Mr., Ms., Dr., etc.): | Mr.                               | Ms.                                 |  |
| First Name:                   | Charles                           | Elizabeth                           |  |
| Last Name:                    | Hamilton                          | Stanko                              |  |
| Title:                        | Director of Development           | Director, Energy Transition Project |  |
| Company Name:                 |                                   | TRC Companies                       |  |
| Mailing Address:              | 600 S. Tyler Suite 1501           | 11767 Katy Fwy Suite 230            |  |
| Address Line 2:               |                                   |                                     |  |
| City:                         | Amarillo                          | Houston                             |  |
| State:                        | Texas                             | Texas                               |  |
| ZIP Code:                     | 79101                             | 77079                               |  |
| Telephone Number:             | 806-789-4300                      | 713-244-1039                        |  |

|                |                                  |                          |
|----------------|----------------------------------|--------------------------|
| Fax Number:    |                                  |                          |
| Email Address: | charlie.hamilton@fermiamerica.co | Estanko@trccompanies.com |

**B. Public place**

Place a hard copy of the full application (including the entire completed PI-1 and all attachments) at a public place in the county where the facilities are or will be located. You must state where in the county the application will be available for public review and comment. The location must be a public place and described in the notice. A public place is a location which is owned and operated by public funds (such as libraries, county courthouses, city halls) and cannot be a commercial enterprise. You are required to pre-arrange this availability with the public place indicated below. The application must remain available from the first day of publication through the designated comment period.

If this is an application for a PSD, nonattainment, or FCAA § 112(g) permit, the public place must have internet access available for the public as required in 30 TAC § 39.411(f)(3).

If the application is submitted to the agency with information marked as Confidential, you are required to indicate which specific portions of the application are not being made available to the public. These portions of the application must be accompanied with the following statement:"**Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC 197, P.O. Box 13087, Austin, Texas 78711-3087."**

| Requested information                                                                               | Response                     |
|-----------------------------------------------------------------------------------------------------|------------------------------|
| Name of Public Place:                                                                               | Carson County Public Library |
| Physical Address:                                                                                   | 401 Main St.                 |
| Address Line 2:                                                                                     |                              |
| City:                                                                                               | Panhandle                    |
| ZIP Code:                                                                                           | 76068                        |
| County:                                                                                             | Carson                       |
| Has the public place granted authorization to place the application for public viewing and copying? | Yes                          |
| Does the public place have Internet access available for the public?                                | Yes                          |

### C. Alternate Language Publication

In some cases, public notice in an alternate language is required. If an elementary or middle school nearest to the facility is in a school district required by the Texas Education Code to have a bilingual program, bilingual notice will be required. If there is no bilingual program required in the school nearest the facility, but children who would normally attend those schools are eligible to attend bilingual programs elsewhere in the school district, the bilingual notice will also be required. If it is determined that alternate language notice is required, you are responsible for ensuring that the publication in the alternate language is complete and accurate in that language.

| Question                                                                                                                                                                        | Response |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| Is a bilingual program required by the Texas Education Code in the School District?                                                                                             | Yes      |  |
| Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district? | Yes      |  |
| If yes to either question above, list <b>all languages</b> required by the bilingual program.                                                                                   | Spanish  |  |

### III. Public Notice Information for PSD and Nonattainment Permits

| <b>A. How will public notice be published for the GHG PSD permit?</b> Select either "Separate" or "Combined". Note: separate public notices require separate applications.                                                                                                                                            |              | Combined          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|
| <b>B. Contact Information</b><br>We must notify the applicable county judge, presiding officer, and regional council of government when a PSD or Nonattainment permit or modification application is received.                                                                                                        |              |                   |
| 1. Provide the information for the County Judge for the location where the facility is or will be located.<br>2. Provide the information for the Presiding Officer(s) of the municipality for this facility site. This is frequently the Mayor.<br>3. Provide the information for the Regional Council of Government. |              |                   |
| This information can be obtained at the links below.<br><a href="https://www.txdirectory.com">https://www.txdirectory.com</a><br><a href="https://txregionalcouncil.org/regional-councils/">https://txregionalcouncil.org/regional-councils/</a>                                                                      |              |                   |
| Requested information                                                                                                                                                                                                                                                                                                 | County Judge | Presiding Officer |
| The Honorable:                                                                                                                                                                                                                                                                                                        | Dan Looten   | n/a               |
| First Name:                                                                                                                                                                                                                                                                                                           | n/a          | n/a               |
| Last Name:                                                                                                                                                                                                                                                                                                            | n/a          | n/a               |
| Title:                                                                                                                                                                                                                                                                                                                | n/a          | n/a               |
| Council of Government Name:                                                                                                                                                                                                                                                                                           | n/a          | n/a               |
| Mailing Address:                                                                                                                                                                                                                                                                                                      | 501 Main St. | 415 SW 8th Avenue |
| Address Line 2:                                                                                                                                                                                                                                                                                                       |              |                   |
| City:                                                                                                                                                                                                                                                                                                                 | Panhandle    | Amarillo          |
| State:                                                                                                                                                                                                                                                                                                                | Texas        | Texas             |
| ZIP Code:                                                                                                                                                                                                                                                                                                             | 79068        | 79101             |

### C. Affected States and Class I Areas

A map of all Class I areas can be found at the link below:

<https://www.nps.gov/subjects/air/class1.htm>

| Are there any affected states or Class I areas within 100 km of the proposed facilities? |  |  |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|--|--|
| No                                                                                       |  |  |  |  |  |

**IV. Small Business Classification**

Complete this section to determine small business classification. If a small business requests a permit, agency rules (30 TAC § 39.603(f)(1)(A)) allow for alternative public notification requirements if all of the following criteria are met. If these requirements are met, public notice does not have to include publication of the prominent (12 square inch) newspaper notice.

| Question                                                                                                                                                | Response |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| Does the company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts? | No       |  |
|                                                                                                                                                         |          |  |
|                                                                                                                                                         |          |  |
|                                                                                                                                                         |          |  |
| Small business classification:                                                                                                                          | No       |  |

**V. Plain Language Summary**

Applications deemed administratively complete on or after May 1, 2022 must provide a plain language summary of the application to be posted on the TCEQ website. Templates can be found at the link below.

<https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsrapp-tools.html>

| Question                                                                                                                | Response |  |
|-------------------------------------------------------------------------------------------------------------------------|----------|--|
| Is a Plain Language Summary as required by 30 TAC § 39.405(k) provided with the application?                            | Yes      |  |
| Is a Plain Language Summary in an alternative language as required by 30 TAC § 39.426(c) provided with the application? | Yes      |  |

[illegible]

| II. Nonattainment NSR Applicability Summary                                                                                                                                       |                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Step 1: Determine if the site is in a nonattainment area for any criteria pollutant(s) or precursor(s).</b>                                                                    |                                                                                                                                     |
| County (selected in General sheet section IV):                                                                                                                                    | Carson                                                                                                                              |
|                                                                                                                                                                                   |                                                                                                                                     |
| Current nonattainment designation:                                                                                                                                                | This project will be located in an area currently designated attainment or unclassified for all criteria pollutants and precursors. |
| Should the project be reviewed under a different nonattainment designation? If yes, select the correct reason.                                                                    | No - use current designation                                                                                                        |
|                                                                                                                                                                                   |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |
| Step 1 Determination: This project will be located in an area designated attainment or unclassified for all criteria pollutants or precursors. Nonattainment NSR is not required. |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |
|                                                                                                                                                                                   |                                                                                                                                     |



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#### IV. PSD Applicability Summary

##### Step 1: Determine if the project is a named source.

Select the source type that most closely matches the facility in this application. If no source type applies, select "Other/Not Listed". Note: This list is based on 40 CFR § 51.166(b)(1)(i)(a).

Fossil fuel-fired steam electric plants > 250 million BTUs per hour heat input

Step 1 Determination: This is a named source and the PSD major source threshold is 100 tpy of any one pollutant. Include fugitive emissions in the current sitewide PTE.

##### Step 2: Determine if the site is currently major by comparing the current sitewide PTE to the major source threshold. Read the step 1 determination above for information about including or excluding fugitive emissions in the PTE calculation.

| Pollutant                                | Current Sitewide PTE (tpy)<br>enter ">" to indicate the site is major for PSD | Major Source Threshold (tpy) | Current Sitewide PTE ≥ Major Source Threshold? |
|------------------------------------------|-------------------------------------------------------------------------------|------------------------------|------------------------------------------------|
| CO                                       | 0                                                                             | 100                          | No                                             |
| NOx                                      | 0                                                                             | 100                          | No                                             |
| PM                                       | 0                                                                             | 100                          | No                                             |
| PM10                                     | 0                                                                             | 100                          | No                                             |
| PM2.5                                    | 0                                                                             | 100                          | No                                             |
| SO2                                      | 0                                                                             | 100                          | No                                             |
| Ozone (as VOC)                           | 0                                                                             | 100                          | No                                             |
| Ozone (as NOx)                           | 0                                                                             | 100                          | No                                             |
| Pb                                       | 0                                                                             | 100                          | No                                             |
| H2S                                      | 0                                                                             | 100                          | No                                             |
| TRS                                      | 0                                                                             | 100                          | No                                             |
| Reduced sulfur compounds (including H2S) | 0                                                                             | 100                          | No                                             |
| H2SO4                                    | 0                                                                             | 100                          | No                                             |
| Fluoride (excluding HF)                  | 0                                                                             | 100                          | No                                             |

Step 2 Determination: The current sitewide PTE for each regulated pollutant is below the associated major source threshold. The site is currently a minor source. If there are sources at the site other than those in the Unit Types - Emission Rates sheet, remember to attach a list of authorization numbers, FINs, EPNs, and PTEs. Continue to the next step.

##### Step 3: Determine if the project emissions increase is a major source by itself. Compare the project emissions increase of each pollutant to the associated major source threshold. Include fugitive emissions in the project emissions increase calculation if this is a named source.

| Pollutant                                | Project Emissions Increase (tpy) | Major Source Threshold (tpy) | Increase ≥ Threshold? |
|------------------------------------------|----------------------------------|------------------------------|-----------------------|
| CO                                       | 2140.86                          | 100                          | Yes                   |
| NOx                                      | 1591.48                          | 100                          | Yes                   |
| PM                                       | 1075.12                          | 100                          | Yes                   |
| PM10                                     | 1025.8                           | 100                          | Yes                   |
| PM2.5                                    | 976.69                           | 100                          | Yes                   |
| SO2                                      | 282.28                           | 100                          | Yes                   |
| Ozone (as VOC)                           | 581.75                           | 100                          | Yes                   |
| Ozone (as NOx)                           | 1591.48                          | 100                          | Yes                   |
| Pb                                       |                                  | 100                          | No                    |
| H2S                                      | <0.01                            | 100                          | Yes                   |
| TRS                                      |                                  | 100                          | No                    |
| Reduced sulfur compounds (including H2S) |                                  | 100                          | No                    |
| H2SO4                                    | 43.2                             | 100                          | No                    |
| Fluoride (excluding HF)                  |                                  | 100                          | No                    |

Step 3 Determination: The project emissions increase of at least one regulated pollutant is at or above the major source threshold. PSD review is required for these pollutants, unless it already underwent nonattainment NSR applicability review. Evaluate the remaining pollutants in the next step. Remember to attach Table 2F for each criteria pollutant or precursor to demonstrate how the increase was calculated.

| Pollutant                                                                                                                                                                                                                                                                                                                                                                                                 | Project Emissions Increase (tpy) | Significant Level (tpy) | Increase ≥ Threshold? |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|-----------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                         |                       |
|                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                         |                       |
|                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                         |                       |
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|                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                         |                       |
| Pb                                                                                                                                                                                                                                                                                                                                                                                                        |                                  | 0.6                     | No                    |
|                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                         |                       |
| TRS                                                                                                                                                                                                                                                                                                                                                                                                       |                                  | 10                      | No                    |
| Reduced sulfur compounds (including H <sub>2</sub> S)                                                                                                                                                                                                                                                                                                                                                     |                                  | 10                      | No                    |
| H <sub>2</sub> SO <sub>4</sub>                                                                                                                                                                                                                                                                                                                                                                            | 43.2                             | 7                       | Yes                   |
| Fluoride (excluding HF)                                                                                                                                                                                                                                                                                                                                                                                   |                                  | 3                       | No                    |
| Step 4 Determination: The project emissions increase is at or above the associated significant level for at least one remaining regulated pollutant. PSD review is required for these pollutants in addition to the pollutants identified in step 3. Remember to attach Table 3F for each pollutant to demonstrate how the increase was calculated. Also attach Table 4F to verify creditable reductions. |                                  |                         |                       |

|                                                                                                                                                                                                                                                                          |                                |                        |                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------|------------------------------|
| <b>Step 1: Determine whether the project requires PSD permitting for a non-GHG regulated pollutant.</b>                                                                                                                                                                  |                                |                        |                              |
| Step 1 Determination: At least one other regulated pollutant requires PSD permitting.                                                                                                                                                                                    |                                |                        |                              |
| <b>Step 2: Determine whether this is an existing or a new major stationary source for PSD.</b>                                                                                                                                                                           |                                |                        |                              |
| Step 2 Determination: This is a new major stationary source for PSD.                                                                                                                                                                                                     |                                |                        |                              |
| <b>Step 3: Determine whether the CO<sub>2</sub>e PTE equals or exceeds the major source threshold. Compare the CO<sub>2</sub>e PTE to the major source threshold. Include fugitive emissions in the project emission increase calculation if this is a named source.</b> |                                |                        |                              |
|                                                                                                                                                                                                                                                                          |                                |                        |                              |
| <b>Pollutant</b>                                                                                                                                                                                                                                                         | <b>Potential to Emit (tpy)</b> | <b>Threshold (tpy)</b> | <b>Increase ≥ Threshold?</b> |
| CO <sub>2</sub> e                                                                                                                                                                                                                                                        | 23,584,211.38                  | 75,000                 | Yes                          |
| Step 3 Determination: The CO <sub>2</sub> e PTE is 75,000 tpy or more. GHG permitting is required. Remember to attach Table 2F for each pollutant to demonstrate how the increase was calculated.                                                                        |                                |                        |                              |
|                                                                                                                                                                                                                                                                          |                                |                        |                              |
|                                                                                                                                                                                                                                                                          |                                |                        |                              |
|                                                                                                                                                                                                                                                                          |                                |                        |                              |
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|                                                                                                                                                                                                                                                                          |                                |                        |                              |

|                                              |                                                                                                                                 |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Nonattainment:</b>                        | Nonattainment NSR is not required.                                                                                              |
| <b>PSD:</b><br>(expand row height if needed) | PSD review is required for the following pollutants: Ozone (as VOC), Ozone (as NOx), NOx, SO2, CO, PM, PM10, PM2.5, H2S, H2SO4. |
| <b>GHG PSD:</b>                              | GHG PSD is required.                                                                                                            |

| I. Expedited Permitting Request                                                                                      |          |
|----------------------------------------------------------------------------------------------------------------------|----------|
| Are you requesting to expedite this project?                                                                         | Yes      |
| Is this request being made at the time of initial application submittal, as opposed to part way through the project? | Yes      |
|                                                                                                                      |          |
| Surcharge amount due:                                                                                                | \$20,000 |
|                                                                                                                      |          |
| Must request expedited processing and pay the surcharge when submitting the ePermit application through STEERS.      |          |
|                                                                                                                      |          |

[illegible]

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In signing the "General" sheet with this fee worksheet attached, I certify that the total estimated capital cost of the project as defined in 30 TAC § 116.141 is equal to or less than the above figure. I further state that I have read and understand Texas Water Code § 7.179, which defines Criminal Offenses for certain violations, including intentionally or knowingly making, or causing to be made, false material statements or representations.

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|-------------------------------------|----------------------|
| <b>Your estimated capital cost:</b> | Maximum fee applies. |
| <b>Permit Application Fee:</b>      | <b>\$75,000.00</b>   |
|                                     |                      |

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| <b>VII. Total Permit Fees</b>                                                        |             |
| <b>Note: fees can be paid together with one payment or as two separate payments.</b> |             |
| Non-Renewal Fee                                                                      | \$75,000.00 |
|                                                                                      |             |
| Total                                                                                | \$75,000.00 |

|                                                                                                                                   |                    |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>VIII. Payment Information</b>                                                                                                  |                    |
| <b>A. Payment One (required)</b>                                                                                                  |                    |
| Was the fee paid online?                                                                                                          | Yes                |
| Enter the fee amount:                                                                                                             | \$ 95,000.00       |
| Enter the check, money order, ePay Voucher, or other transaction number (enter "STEERS" if submitting and paying through STEERS): | STEERS             |
| Enter the Company name as it appears on the check:                                                                                |                    |
|                                                                                                                                   |                    |
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| <b>C. Total Paid</b>                                                                                                              | <b>\$95,000.00</b> |

|                                                                                                                       |     |
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| <b>IX. Professional Engineer Seal Requirement</b>                                                                     |     |
| Is the estimated capital cost of the project above \$2 million?                                                       | Yes |
| Is this project subject to an exemption contained in the Texas Engineering Practice Act (TEPA)? (30 TAC § 116.110(f)) | No  |
| Is the application required to be submitted under the seal of a Texas licensed P.E.?                                  | Yes |
| Note: an electronic PE seal is acceptable.                                                                            |     |

| Pollutant      | Does this pollutant require PSD review? | How will you demonstrate that this project meets all applicable requirements? | Notes                                                                                                                                                                                                                                                                                                      | Additional Notes (optional) |
|----------------|-----------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Ozone          | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| VOC            | No                                      | MERA steps 0-2 AND Modeling (screen or refined)                               | Attach both an "Electronic Modeling Evaluation Workbook" (EMEW) AND a detailed description of which MERA step was met. Include speciated emission rates with the total VOC and/or PM species corresponding to the short-term and long-term differences represented on the Unit Types-Emission Rates sheet. |                             |
| H2S            | No                                      | Modeling: screen or refined                                                   | Attach a completed "Electronic Modeling Evaluation Workbook" (EMEW).                                                                                                                                                                                                                                       |                             |
| CO2            | Yes                                     | None (GHG-PSD Only)                                                           | An air quality analysis for GHGs (i.e., air dispersion modeling, ambient air monitoring, additional impacts, or Class I area impacts) is not required.                                                                                                                                                     |                             |
| CH4            | Yes                                     | None (GHG-PSD Only)                                                           | An air quality analysis for GHGs (i.e., air dispersion modeling, ambient air monitoring, additional impacts, or Class I area impacts) is not required.                                                                                                                                                     |                             |
| CO2 Equivalent | Yes                                     | None (GHG-PSD Only)                                                           | An air quality analysis for GHGs (i.e., air dispersion modeling, ambient air monitoring, additional impacts, or Class I area impacts) is not required.                                                                                                                                                     |                             |
| NH3            | No                                      | MERA steps 0-2 AND Modeling (screen or refined)                               | Attach both an "Electronic Modeling Evaluation Workbook" (EMEW) AND a detailed description of which MERA step was met. Include speciated emission rates with the total VOC and/or PM species corresponding to the short-term and long-term differences represented on the Unit Types-Emission Rates sheet. |                             |
| PM             | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| PM10           | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| PM2.5          | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| NOx            | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| CO             | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| SO2            | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |
| H2SO4          | Yes                                     | Protocol (required for all PSD projects, excluding GHG PSD)                   | Attach a protocol meeting all requirements listed on the TCEQ website.                                                                                                                                                                                                                                     |                             |



| Pollutant | Does this pollutant require PSD review? | How will you demonstrate that this project meets all applicable requirements? | Notes                                                                                                                                                  | Additional Notes (optional) |
|-----------|-----------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| N2O       | Yes                                     | None (GHG-PSD Only)                                                           | An air quality analysis for GHGs (i.e., air dispersion modeling, ambient air monitoring, additional impacts, or Class I area impacts) is not required. |                             |
| SF6       | Yes                                     | None (GHG-PSD Only)                                                           | An air quality analysis for GHGs (i.e., air dispersion modeling, ambient air monitoring, additional impacts, or Class I area impacts) is not required. |                             |
|           |                                         |                                                                               |                                                                                                                                                        |                             |
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|           |                                         |                                                                               |                                                                                                                                                        |                             |

| Action Requested | FINs   | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Confirm | Additional Notes                                                                                                                                                            |
|------------------|--------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New/Modified     | NGFUG  | Fugitives: Piping and Equipment Leak | VOC            | Specify which is applicable:<br>1. Uncontrolled VOC emissions < 10 tpy: none<br><br>2. 10 tpy < uncontrolled VOC emissions < 25 tpy: 28M leak detection and repair program. 75% credit for 28M.<br><br>3. Uncontrolled VOC emissions > 25 tpy: 28VHP leak detection and repair program. 97% credit for valves, 85% for pumps and compressors.<br><br>4. VOC vp < 0.002 psia: no inspection required, no fugitive emissions expected.<br><br>For emissions of approved odorous compounds (chlorine, ammonia, hydrogen sulfide, hydrogen cyanide and mercaptans only): AVO inspection twice per shift. Appropriate credit for AVO program. | Yes     | Emissions less than 10 tpy, so uncontrolled. Will use proper piping design and installation and use of good work practices as BACT                                          |
|                  |        |                                      | H2S            | AVO inspection twice per shift. Appropriate credit for AVO program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes     | H2S very low concentration, 1/4 grain per 100 scf. As such, AVO program not required. Will use proper piping design and installation and use of good work practices as BACT |
|                  |        |                                      | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes     | Proper piping design and installation and use of good work practices as BACT                                                                                                |
|                  |        |                                      | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes     | Proper piping design and installation and use of good work practices as BACT                                                                                                |
|                  |        |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes     | Proper piping design and installation and use of good work practices as BACT                                                                                                |
|                  |        |                                      |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                                                                                                                             |
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|                  |        |                                      | MSS            | Same as normal operation BACT requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes     | Proper piping design and installation and use of good work practices as BACT                                                                                                |
| New/Modified     | NH3FUG | Fugitives: Piping and Equipment Leak | NH3            | AVO inspection twice per shift. Appropriate credit for AVO program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes     | Will implement a twice per shift AVO program.                                                                                                                               |
|                  |        |                                      |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                                                                                                                             |
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|                  |        |                                      | MSS            | Same as normal operation BACT requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes     | Will implement a twice per shift AVO program.                                                                                                                               |
| New/Modified     | CT-1   | Cooling Tower                        | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Drift < 0.001% achieved by drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%.                                                                                               |
|                  |        |                                      |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                                                                                                                             |
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|                  |        |                                      |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                                                                                                                             |
|                  |        |                                      | MSS            | Same as normal operation BACT requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%.                                                                                               |
| New/Modified     | CT-2   | Cooling Tower                        | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Drift < 0.001% achieved by drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%.                                                                                               |
|                  |        |                                      |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                                                                                                                             |

Version 6.0 Page 89

Version 6.0 Page 90

| Action Requested | FINs  | Unit Type     | Pollutant | Current Tier I BACT                                                                                                                 | Confirm | Additional Notes                                                              |
|------------------|-------|---------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------|
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               | MSS       | Same as normal operation BACT requirements.                                                                                         | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
| New/Modified     | CT-11 | Cooling Tower | PM        | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Drift < 0.001% achieved by drift eliminators | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
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|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               | MSS       | Same as normal operation BACT requirements.                                                                                         | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
| New/Modified     | CT-12 | Cooling Tower | PM        | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Drift < 0.001% achieved by drift eliminators | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
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|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               | MSS       | Same as normal operation BACT requirements.                                                                                         | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
| New/Modified     | CT-13 | Cooling Tower | PM        | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Drift < 0.001% achieved by drift eliminators | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
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|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               | MSS       | Same as normal operation BACT requirements.                                                                                         | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
| New/Modified     | CT-14 | Cooling Tower | PM        | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Drift < 0.001% achieved by drift eliminators | Yes     | Units will use drift eliminators to reduce drift loss to no more than 0.001%. |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
|                  |       |               |           |                                                                                                                                     |         |                                                                               |
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|                  |       |               |           |                                                                                                                                     |         |                                                                               |

Version 6.0

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSQA-3 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSQA-4 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |



| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GA-5 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GA-6 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGA-7 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGA-8 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGA-9 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |

| Action Requested | FINs     | Unit Type                            | Pollutant                      | Current Tier   BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSQA-10 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSQA-11 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |

| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                       |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                              |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                   |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
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|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.           |
| New/Modified     | HRS GA-12 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                      |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                              |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                   |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.           |
| New/Modified     | HRS GA-13 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                      |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGA-14 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGA-15 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier   BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSQA-16 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSQA-17 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |



| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-18 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-1  | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |



| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New/Modified     | HRSGB-2 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-3 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-4 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |

| Action Requested | FINs    | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |         |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |         |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-5 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |         |                                      | NO <sub>x</sub>                | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NO <sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                    | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NO <sub>x</sub> at 15% O <sub>2</sub> .                                                                           |
|                  |         |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |         |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |         |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-6 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |         |                                      | NO <sub>x</sub>                | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NO <sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                    | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NO <sub>x</sub> at 15% O <sub>2</sub> .                                                                           |
|                  |         |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |         |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-7 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-8 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-9  | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-10 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-11 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-12 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-13 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-14 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-15 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |



| Action Requested | FINs     | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-16 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGB-17 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |



| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                       |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                              |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                   |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.           |
| New/Modified     | HRSGB-18 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                      |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                              |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                   |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.           |
| New/Modified     | HRSGB-1  | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                      |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-2 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-3 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier   BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-4 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-5 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-6 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-7 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |

| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New/Modified     | HRS GC-8  | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-9  | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-10 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |

| Action Requested | FINs      | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |           |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-11 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NO <sub>x</sub>                | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NO <sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                    | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NO <sub>x</sub> at 15% O <sub>2</sub> .                                                                           |
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |           |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-12 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NO <sub>x</sub>                | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NO <sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                    | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NO <sub>x</sub> at 15% O <sub>2</sub> .                                                                           |
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |



| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-13 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-14 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |



| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-15 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-16 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-17 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GC-18 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSKD-1 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSKD-2 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSKD-3 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |

| Action Requested | FINs     | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-4 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-5 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-6 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-7 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSKD-8 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSKD-9 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |



| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier   BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-10 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-11 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |



| Action Requested | FINs      | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-12 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-13 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |           |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |           |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |           |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |

| Action Requested | FINs      | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New/Modified     | HRSGLD-14 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |           |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGLD-15 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |           |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGLD-16 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |

| Action Requested | FINs      | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|-----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |           |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-17 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NO <sub>x</sub>                | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NO <sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                    | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NO <sub>x</sub> at 15% O <sub>2</sub> .                                                                           |
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |           |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |           |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |           |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |           |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRS GD-18 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NO <sub>x</sub>                | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NO <sub>x</sub> burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                    | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NO <sub>x</sub> at 15% O <sub>2</sub> .                                                                           |
|                  |           |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |           |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-1 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-2 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-3 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-4 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-5 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-6 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |



| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-7 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-8 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |         |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |         |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |         |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |         |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-9 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |



| Action Requested | FINs     | Unit Type                            | Pollutant                      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-10 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NH <sub>3</sub>                | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO <sub>2</sub>                | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H <sub>2</sub> SO <sub>4</sub> | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM                             | The emission reduction techniques for PM <sub>10</sub> and PM <sub>2.5</sub> will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                        | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM <sub>10</sub> /PM <sub>2.5</sub> formation.                      |
|                  |          |                                      | CO <sub>2</sub> Equivalent     | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS                            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-11 | Turbine: Combined Cycle, Natural Gas | VOC                            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                             |
|                  |          |                                      | NOx                            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                       |
|                  |          |                                      | CO                             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                             |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                       |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                              |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                   |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.           |
| New/Modified     | HRSGE-12 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                      |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                              |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                   |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                        |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.           |
| New/Modified     | HRSGE-13 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O <sub>2</sub> if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O <sub>2</sub> , 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O <sub>2</sub> .                                                                                      |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O <sub>2</sub> , typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                  | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O <sub>2</sub> .                                            |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O <sub>2</sub> , achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 qr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-14 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-15 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier   BACT                                                                                                                                                                                                                                                   | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-16 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices. | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-17 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                            | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                             | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                               | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                    | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                 | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                             | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |

| Action Requested | FINs     | Unit Type                            | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                     | Confirm | Additional Notes                                                                                                                                                        |
|------------------|----------|--------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices.                                                   | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | HRSGE-18 | Turbine: Combined Cycle, Natural Gas | VOC            | 2 ppmvd at 15% O2 if no duct burner, 4 ppmvd with duct burner. Achieved through good combustion practices.                                                                                                                                                                                                              | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 2 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NOx            | 2.0 ppmvd at 15% O2, 24-hour average, typically achieved with dry low NOX burner, water/steam injection, limiting fuel consumption, or SCR. Specify numeric value and proposed technique.                                                                                                                               | Yes     | The turbines will utilize SCR to not exceed 2.0 ppmvd NOx at 15% O2.                                                                                                    |
|                  |          |                                      | CO             | 2-4 ppmvd at 15% O2, typically achieved with good combustion practices and/or oxidation catalyst. Specify numeric value and control technique. A detailed analysis is required if >4 ppmvd is proposed.                                                                                                                 | Yes     | The turbines will utilize good combustion practices and an oxidation catalyst to not exceed 4 ppmvd at 15% O2.                                                          |
|                  |          |                                      | NH3            | 7-10 ppmvd at 15% O, achieved by controlling the ammonia injection system to minimize ammonia slip                                                                                                                                                                                                                      | Yes     | The ammonia injection system will be monitored to ensure that the emissions will not exceed 5 ppmvd on an annual basis and 10 ppmvd on an hourly basis.                 |
|                  |          |                                      | SO2            | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                                                                   | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | H2SO4          | Good combustion practices. Fuel limited to firing pipeline quality natural gas (low sulfur fuel). Sulfur content of fuel will not exceed 5 grains per 100 scf on an hourly basis and 1 gr/100 scf on an annual basis.                                                                                                   | Yes     | The pipeline-quality natural gas used to fire the turbines has a maximum sulfur content of 0.5 grains per 100 scf. The turbines will utilize good combustion practices. |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Good combustion practices. Fuel limited to firing pipeline quality natural gas.                                                                                                                                                  | Yes     | The turbines will utilize pipeline-quality natural gas and good combustion practices to minimize PM/PM10/PM2.5 formation.                                               |
|                  |          |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                               | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                    |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Minimizing the duration of MSS activities and minimizing the amount of time the turbine is outside the performance mode where the controls can be used. Operating the facility in accordance with best management practices and good air pollution control practices.                                                   | Yes     | Will minimize the duration of MSS activities and operate the facility in accordance with best management practices and good air pollution control practices.            |
| New/Modified     | LOV1     | Process Vent                         | VOC            | Non-halogenated VOCs: flare, any oxidizer, adsorber, absorber/scrubber, etc. Specify technique. Must meet that control device's approved efficiency.<br><br>Halogenated VOC: Thermal oxidation followed by absorber/scrubber carbon adsorption. Specify technique. Must meet that control device's approved efficiency. | Yes     | Air mist eliminators will be used to reduce evaporation.                                                                                                                |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. < 0.01 gr/scf                                                                                                                                                                                                                    | Yes     | Air mist eliminators will be used to reduce evaporation.                                                                                                                |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
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|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
|                  |          |                                      | MSS            | Same as normal operation BACT requirements.                                                                                                                                                                                                                                                                             | Yes     | Same as normal operation BACT requirements                                                                                                                              |
| New/Modified     | LOV2     | Process Vent                         | VOC            | Non-halogenated VOCs: flare, any oxidizer, adsorber, absorber/scrubber, etc. Specify technique. Must meet that control device's approved efficiency.<br><br>Halogenated VOC: Thermal oxidation followed by absorber/scrubber carbon adsorption. Specify technique. Must meet that control device's approved efficiency. | Yes     | Air mist eliminators will be used to reduce evaporation.                                                                                                                |
|                  |          |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. < 0.01 gr/scf                                                                                                                                                                                                                    | Yes     | Air mist eliminators will be used to reduce evaporation.                                                                                                                |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
|                  |          |                                      |                |                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                         |
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Version 6.0 Page 134

Version 6.0 Page 135



Version 6.0 Page 136

Version 6.0

Version 6.0 Page 138

Version 6.0 Page 139

Version 6.0 Page 140

Version 6.0 Page 141

Version 6.0 Page 142



Version 6.0 Page 143

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Version 6.0 Page 145

Version 6.0 Page 146

Version 6.0 Page 147

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Version 6.0 Page 149



Version 6.0 Page 150

Version 6.0 Page 151

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Version 6.0 Page 153

Version 6.0 Page 154

Version 6.0 Page 155

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Version 6.0 Page 157

Version 6.0 Page 158

Version 6.0 Page 159

| Action Requested | FINs     | Unit Type                                                                  | Pollutant | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Confirm | Additional Notes                                                                                                                                                                                                               |
|------------------|----------|----------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
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|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
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|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            | MSS       | Same as normal operation BACT requirements except as listed below.<br><br>Fixed roof tank draining:<br>VOC: Send liquid to a covered vessel. If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the VOC vapor pressure is less than 0.02 psia. Control device must meet BACT.<br>Acid: Drain to covered vessel. If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the acid vapor pressure is less than 0.02 psia. Control device must meet BACT. | Yes     | Same as normal operation BACT requirements                                                                                                                                                                                     |
| New/Modified     | TNK-DSL4 | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia | VOC       | Fixed roof with submerged fill. Uninsulated exterior surfaces exposed to the sun shall be white or aluminum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes     | Tanks will be painted white or aluminum and will utilize submerged fill.                                                                                                                                                       |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                |
|                  |          |                                                                            | MSS       | Same as normal operation BACT requirements except as listed below.<br><br>Fixed roof tank draining:<br>VOC: Send liquid to a covered vessel. If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the VOC vapor pressure is less than 0.02 psia. Control device must meet BACT.<br>Acid: Drain to covered vessel. If there is any standing liquid within the tank, and the tank is opened to the atmosphere or ventilated, the vapor stream must be controlled until there is no standing liquid or the acid vapor pressure is less than 0.02 psia. Control device must meet BACT. | Yes     | Same as normal operation BACT requirements                                                                                                                                                                                     |
| New/Modified     | FPUMP1   | Engine: Emergency, Diesel                                                  | VOC       | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII. |
|                  |          |                                                                            | NOx       | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII. |
|                  |          |                                                                            | CO        | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII. |
|                  |          |                                                                            | SO2       | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII. |

| Action Requested | FINs   | Unit Type                 | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirm | Additional Notes                                                                                                                                                                                                                                                                                                                               |
|------------------|--------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |        |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |        |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | FPUMP2 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |        |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |        |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |        |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |        |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |        |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |        |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | EGEN1  | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |        |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |        |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |

| Action Requested | FINs  | Unit Type                 | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirm | Additional Notes                                                                                                                                                                                                                                                                                                                               |
|------------------|-------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |       |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |       |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           | <b>MSS</b>     | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | EGEN2 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |       |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           | <b>MSS</b>     | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | EGEN3 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |

| Action Requested | FINs  | Unit Type                 | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirm | Additional Notes                                                                                                                                                                                                                                                                                                                               |
|------------------|-------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |       |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |       |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | EGEN4 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |       |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | EGEN5 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |



| Action Requested | FINs  | Unit Type                 | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirm | Additional Notes                                                                                                                                                                                                                                                                                                                               |
|------------------|-------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |       |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |       |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | EGEN6 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |       |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |       |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |       |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |

| Action Requested | FINs     | Unit Type                 | Pollutant      | Current Tier I BACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirm | Additional Notes                                                                                                                                                                                                                                                                                                                               |
|------------------|----------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New/Modified     | ENGINE-1 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |          |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
|                  |          |                           | MSS            | Minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes     | Will minimize duration and occurrence of MSS activities.                                                                                                                                                                                                                                                                                       |
| New/Modified     | ENGINE-2 | Engine: Emergency, Diesel | VOC            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | NOx            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | CO             | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | SO2            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.                                                                                                                                                                                                                                                                                                                                | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.                                                                                                                 |
|                  |          |                           | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs./yr. of non-emergency operation. Have a non-resettable runtime meter.<br><br>No visible emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent | Yes     | Emergency engines fire ultralow sulfur diesel and are limited to 100 hours per year of non-emergency operation. Engines will install a non-resettable runtime meter and will meet requirements of 40 CFR Part 60 Subpart IIII.<br><br>No visible emissions shall leave the property and will be determine by EPA Test Method 22 or equivalent. |
|                  |          |                           | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           | N2O            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes     | Please refer to BACT writeup in application for detailed discussion.                                                                                                                                                                                                                                                                           |
|                  |          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                |
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| Action Requested | FINs    | Unit Type                            | Pollutant      | Current Tier 1 BACT                                                                                                                                              | Confirm | Additional Notes                                                                                         |
|------------------|---------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------|
|                  |         |                                      | <b>MSS</b>     | Minimize duration and occurrence of MSS activities.                                                                                                              | Yes     | Will minimize duration and occurrence of MSS activities.                                                 |
| New/Modified     | MSSFUG  | MSS Activities                       | VOC            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | NOx            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | CO             | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | NH3            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | H2S            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | PM             | The emission reduction techniques for PM10 and PM2.5 will follow the technique for PM. Fill out the Additional Notes column to demonstrate how BACT will be met. | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | CO2            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | CH4            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Maintenance events will be limited in number to those required to maintain proper function of equipment. |
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|                  |         |                                      | <b>MSS</b>     | Not required since this is a MSS unit type.                                                                                                                      | Yes     |                                                                                                          |
| New/Modified     | FUG-SF6 | Fugitives: Piping and Equipment Leak | SF6            | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Use of state-of-the-art enclosed-pressure SF6 circuit breakers with leak detection.                      |
|                  |         |                                      | CO2 Equivalent | Fill out the Additional Notes column to demonstrate how BACT will be met.                                                                                        | Yes     | Use of state-of-the-art enclosed-pressure SF6 circuit breakers with leak detection.                      |
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|                  |         |                                      | <b>MSS</b>     | Same as normal operation BACT requirements.                                                                                                                      | Yes     | Same as normal operation BACT requirements                                                               |

Version 6.0 Page 167

Version 6.0

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| CT-7  | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-8  | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-9  | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-10 | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-11 | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-12 | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-13 | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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| CT-14 | Cooling Tower | PM | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Cooling water circulation rate measured hourly unless maximum circulation rate assumed.<br><br>Large (>50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water daily then reduced to weekly and quarterly with daily conductivity measurement that is correlated.<br><br>Small (<50,000 gpm circulation rate): Total Dissolved Solids (TDS) in the cooling water measured weekly. | Yes | The maximum design circulation rate will be used. As the circulation rate is greater than 50,000 gallons per minute, the TDS will be measured at daily, then reduced to weekly and quarterly with daily conductivity measurement that is correlated. | Record keeping |  |
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Version 6.0

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|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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| HRS GA-4 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GA-5 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GA-6 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|---------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-7 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-8 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |

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|----------|-----------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
| HRSGA-9  | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-10 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-11 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |

|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-12 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-13 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-14 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-15 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-16 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGA-17 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-18 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-1  | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-2  | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |



|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-3 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-4 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-5 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-6 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-7 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-8 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-9  | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-10 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-11 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-12 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-13 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-14 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-15 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-16 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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| HRSGB-17 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-18 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGB-1  | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |

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|---------|-----------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
| HRSGC-2 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-3 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-4 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |



|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-5 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-6 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-7 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |

|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|-----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-8  | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-9  | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-10 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-11 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-12 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGC-13 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|-----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-14 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-15 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-16 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |

|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|-----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-17 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GC-18 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-1  | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-2 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-3 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-4 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-5 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-6 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |



|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
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| HRSGD-7 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGD-8 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGD-9 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |

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|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-10 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-11 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-12 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGD-13 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGD-14 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGD-15 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |

|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|-----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-16 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-17 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|           |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|           |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRS GD-18 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|           |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|           |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|           |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |

|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|---------|--------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-1 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-2 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del> | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                    | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                                   |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-3 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                                     | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                              | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. <del>Data collected four times per hour and averaged hourly.</del>                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|---------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-4 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-5 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-6 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |

|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|---------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-7 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-8 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|         |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|         |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|         |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|         |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-9 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|         |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |



|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-10 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-11 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-12 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |

|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|----------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-13 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-14 | Turbine: Combined Cycle, Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                          | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                      | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                   | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                      | SO2            | Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                      | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate. Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                      | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                         | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                      |                |                                                                                                                                                                                                                                                                                                                        |     |                                                                                                                                                                                                          |                |                                                      |
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| HRSGE-15 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
| HRSGE-16 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
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| HRSGE-17 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                      |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                           |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                           |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                      |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                      |
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| HRSGE-18 | Turbine: Combined Cycle,<br>Natural Gas | VOC            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                                  |
|          |                                         | NOx            | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                             |
|          |                                         | CO             | CEMS. Data collected four times per hour and averaged hourly.                                                                                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically. A CEMS will be installed, with measurements at least four times per hour and averaged hourly.      | CEMS           |                                                             |
|          |                                         | NH3            | Monthly AVO inspections of the ventilation ductwork.                                                                                                                                                                                                                                                                      | Yes | The SCR will be continuously monitored to reduce ammonia slip.                                                                                                                                           | Other:         | Monitoring                                                  |
|          |                                         | SO2            | Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly.                                                                                                                                                                                             | Yes | The fuel firing rate will be continuously monitored. Fuel composition will be monitored periodically.                                                                                                    | Other:         | Monitoring                                                  |
|          |                                         | H2SO4          | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | H2SO4 results from sulfur present in fuels.                                                                                                                                                              | Other:         | The fuel firing rate will be continuously monitored.        |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission observations to demonstrate compliance with opacity requirements.<br><br>Continuous fuel flow monitor data used to calculate emission rate.<br>Data collected four times per hour and averaged hourly. | Yes | A continuous fuel monitor will be installed, with data collected at least four times per hour and averaged hourly. Quarterly visible emissions observations will be performed to demonstrate compliance. | Record keeping |                                                             |
|          |                                         | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                            | Yes | Monitor fuel usage.                                                                                                                                                                                      | Other:         | The fuel firing rate will be continuously monitored.        |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                             |
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| LOV1     | Process Vent                            | VOC            | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                             |
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| LOV2     | Process Vent                            | VOC            | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                             |
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| LOV3     | Process Vent                            | VOC            | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
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| LOV4     | Process Vent                            | VOC            | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices                                                                                                                                                       | Yes |                                                                                                                                                                                                          | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                         |                |                                                                                                                                                                                                                                                                                                                           |     |                                                                                                                                                                                                          |                |                                                             |

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| LOV5 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|      |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV6 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|      |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV7 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|      |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV8 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|      |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV9 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|      |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV10 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV11 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV12 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV13 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV14 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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Version 6.0 Page 205



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| LOV21 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV22 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV23 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV24 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV25 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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Version 6.0 Page 207

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| LOV31 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV32 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV33 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV34 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV35 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV36 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |

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| LOV37 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV38 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV39 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV40 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV41 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV42 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV43 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV44 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV45 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV46 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV47 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV48 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV49 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV50 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV51 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV52 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |

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| LOV53 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV54 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV55 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV56 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV57 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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Version 6.0 Page 213

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| LOV63 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV64 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV65 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV66 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV67 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV68 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |

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| LOV69 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV70 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV71 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV72 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV73 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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Version 6.0 Page 216

Version 6.0

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| LOV85 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV86 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV87 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV88 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV89 | Process Vent | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
|       |              | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |  | Other: | Visible inspection will be performed to minimize emissions. |
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| LOV90    | Process Vent                                                               | VOC | Production rate or flow as appropriate<br>Monitoring consistent with Control Device                                                                                 | Yes |                                                                       | Other:         | Visible inspection will be performed to minimize emissions. |
|          |                                                                            | PM  | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Production rate or flow and differential pressure across PM control devices | Yes |                                                                       | Other:         | Visible inspection will be performed to minimize emissions. |
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| TNK-DSL1 | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia | VOC | Stored material and throughput                                                                                                                                      | Yes | The stored material and throughput will be recorded.                  | Record keeping |                                                             |
|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
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| TNK-DSL2 | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia | VOC | Stored material and throughput                                                                                                                                      | Yes | The stored material and throughput will be recorded.                  | Record keeping |                                                             |
|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
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| TNK-DSL3 | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia | VOC | Stored material and throughput                                                                                                                                      | Yes | The stored material and throughput will be recorded.                  | Record keeping |                                                             |
|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
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|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
| TNK-DSL4 | Storage Tank (1): Fixed roof with capacity < 25,000 gal or TVP < 0.50 psia | VOC | Stored material and throughput                                                                                                                                      | Yes | The stored material and throughput will be recorded.                  | Record keeping |                                                             |
|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
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|          |                                                                            |     |                                                                                                                                                                     |     |                                                                       |                |                                                             |
| FPUMP1   | Engine: Emergency, Diesel                                                  | VOC | Monitor and record hours of operation using a non-resettable run timer.                                                                                             | Yes | Hours of operation will be recorded using a non-resettable run timer. | Record keeping |                                                             |
|          |                                                                            | NOx | Monitor and record hours of operation using a non-resettable run timer.                                                                                             | Yes | Hours of operation will be recorded using a non-resettable run timer. | Record keeping |                                                             |
|          |                                                                            | CO  | Monitor and record hours of operation using a non-resettable run timer.                                                                                             | Yes | Hours of operation will be recorded using a non-resettable run timer. | Record keeping |                                                             |



|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|--------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------|----------------|------------------------------|
|        |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|        |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|        |                           |                | Monitor and record hours of operation                                                                                                                                                                                                                                                       |     |                                                                                                             |                |                              |
|        |                           | CO2            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| FPUMP2 | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|        |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|        |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|        |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|        |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|        |                           |                | Monitor and record hours of operation                                                                                                                                                                                                                                                       |     |                                                                                                             |                |                              |
|        |                           | CO2            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| EGEN1  | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|        |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|        |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|        |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|        |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|        |                           |                | Monitor and record hours of operation                                                                                                                                                                                                                                                       |     |                                                                                                             |                |                              |
|        |                           | CO2            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|        |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |

|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|-------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------|----------------|------------------------------|
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| EGEN2 | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|       |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|       |                           | CO2            | Monitor and record hours of operation.<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                    | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| EGEN3 | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|       |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|       |                           | CO2            | Monitor and record hours of operation.<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                    | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|       |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| EGEN4 | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|       |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|       |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|       |                           | CO2            | Monitor and record hours of operation.<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                    | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|       |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |

|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|----------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------|----------------|------------------------------|
|          |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| EGEN5    | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|          |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|          |                           | CO2            | Monitor and record hours of operation<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                     | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| EGEN6    | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |
|          |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                          | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check          |
|          |                           | CO2            | Monitor and record hours of operation<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                     | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                              | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
|          |                           |                |                                                                                                                                                                                                                                                                                             |     |                                                                                                             |                |                              |
| ENGINE-1 | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                     | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                              |
|          |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations. | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                              |

|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
|----------|---------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------|
|          |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                                                                                                                                                                                                                                       | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check                                                                           |
|          |                           | CO2            | Monitor and record hours of operation.<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                 | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
| ENGINE-2 | Engine: Emergency, Diesel | VOC            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                                                                                               |
|          |                           | NOx            | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                                                                                               |
|          |                           | CO             | Monitor and record hours of operation using a non-resettable run timer.                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes | Hours of operation will be recorded using a non-resettable run timer.                                       | Record keeping |                                                                                               |
|          |                           | SO2            | Records of fuel delivery indicating date and quantity of fuel delivered shall be maintained by the holder of this permit. If the fuel is designated ultra low sulfur diesel (ULSD), i.e., 15 ppmw sulfur, on the receipt, this is acceptable as showing compliance with sulfur limitations.                                                                                                                                                                                                              | Yes | Records of fuel delivery and quantity will be maintained. The engines will utilize ultra low sulfur diesel. | Record keeping |                                                                                               |
|          |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Quarterly visible emission checks using EPA Method 22 or equivalent, followed by an opacity observation if visible emissions are observed.                                                                                                                                                                                                                                                                       | Yes | Quarterly visible emission checks using EPA method 22, follow by opacity observation will be performed.     | Other:         | EPA method 22 check                                                                           |
|          |                           | CO2            | Monitor and record hours of operation.<br>Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                 | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           | N2O            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           | CO2 Equivalent | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Fuel usage will be monitored                                                                                | Other:         | Fuel usage will be monitored                                                                  |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
|          |                           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                                             |                |                                                                                               |
| MSSFUG   | MSS Activities            | VOC            | Requirement dependent on application representation. Vapor concentration measurement prior to opening to atmosphere may be required and/or emission potential may be recalculated. Each measurement and/or number of events monthly must be monitored. Must monitor open ended lines for leaks if open more than 72 hours without cap, blind flange or plug. Where add on control is used for purge, monitoring consistent with device used and flow and firing rates monitored or potential calculated. | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping |                                                                                               |
|          |                           | NOx            | Where add on control is used for purge, monitoring consistent with device used and flow and firing rates monitored or potential calculated.                                                                                                                                                                                                                                                                                                                                                              | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping |                                                                                               |
|          |                           | CO             | Requirement dependent on application representation. Vapor concentration measurement prior to opening to atmosphere may be required and/or emission potential may be recalculated. Each measurement and/or number of events monthly must be monitored. Must monitor open ended lines for leaks if open more than 72 hours without cap, blind flange or plug. Where add on control is used for purge, monitoring consistent with device used and flow and firing rates monitored or potential calculated. | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping |                                                                                               |
|          |                           | NH3            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping | Number of maintenance operations will be recorded and estimated emissions will be maintained. |
|          |                           | H2S            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping | Number of maintenance operations will be recorded and estimated emissions will be maintained. |
|          |                           | PM             | The emission monitoring techniques for PM10 and PM2.5 will follow the technique for PM. Blasting material and usage. Paint spray type and usage. Combustion firing rates. Differential pressure across PM control devices.                                                                                                                                                                                                                                                                               | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping |                                                                                               |
|          |                           | CO2            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping | Number of maintenance operations will be recorded and estimated emissions will be maintained. |
|          |                           | CH4            | Fill out the Additional Notes for Monitoring column to demonstrate how monitoring will be conducted to demonstrate compliance with the permit.                                                                                                                                                                                                                                                                                                                                                           | Yes | Number of maintenance operations will be recorded and estimated emissions will be maintained.               | Record keeping | Number of maintenance operations will be recorded and estimated emissions will be maintained. |

Version 6.0

| Item                                                                                                  | How submitted  | Date submitted |
|-------------------------------------------------------------------------------------------------------|----------------|----------------|
| <b>A. Administrative Information</b>                                                                  |                |                |
| Form PI-1 General Application                                                                         | STEERS         | 08/01/2025     |
| Hard copy of the General sheet with original (ink) signature                                          | Not applicable |                |
| Professional Engineer Seal                                                                            | STEERS         | 08/01/2025     |
| <b>B. General Information</b>                                                                         |                |                |
| Copy of current permit (both Special Conditions and MAERT)                                            |                |                |
| Core Data Form                                                                                        | STEERS         | 08/01/2025     |
| Area map                                                                                              | STEERS         | 08/01/2025     |
| Plot plan                                                                                             | STEERS         | 08/01/2025     |
| Process description                                                                                   | STEERS         | 08/01/2025     |
| Process flow diagram                                                                                  | STEERS         | 08/01/2025     |
| List of MSS activities                                                                                | STEERS         | 08/01/2025     |
| State regulatory requirements discussion                                                              | STEERS         | 08/01/2025     |
| <b>C. Federal Applicability</b> (see step 6 of Federal Applicability sheet instructions)              |                |                |
| Project emission increase determination - Table 2F                                                    | STEERS         | 08/01/2025     |
| Netting analysis (if applicable) - Tables 3F and 4F                                                   |                |                |
| <b>D. Technical Information</b>                                                                       |                |                |
| BACT discussion, if additional details are attached                                                   | STEERS         | 08/01/2025     |
| Monitoring information, if additional details are attached                                            | STEERS         | 08/01/2025     |
| Material Balance (if applicable)                                                                      | STEERS         | 08/01/2025     |
| Calculations                                                                                          | STEERS         | 08/01/2025     |
| <b>E. Impacts Analysis</b>                                                                            |                |                |
| Qualitative impacts analysis                                                                          |                |                |
| MERA analysis                                                                                         | STEERS         | 08/01/2025     |
| EMEW: SCREEN3                                                                                         | Not applicable |                |
| EMEW: NonSCREEN3                                                                                      | STEERS         | 08/01/2025     |
| PSD modeling protocol                                                                                 | STEERS         | 08/01/2025     |
| <b>F. Additional Attachments</b>                                                                      |                |                |
| Forms APD-EXP and APD-APS Expedited Permitting Request                                                | STEERS         | 08/01/2025     |
| TCEQ Plain Language Summary for New Source Review (NSR) Initial Permits; English and Spanish versions | STEERS         | 08/01/2025     |
| TCEQ Public Involvement Plan (PIP) Form                                                               | STEERS         | 08/01/2025     |
| TCEQ Fugitive Emission Calculations; Excel workbook file                                              | STEERS         | 08/01/2025     |
| TCEQ Equipment Table Forms                                                                            | STEERS         | 08/01/2025     |
| TCEQ Table 1F and 2F (Air Quality Application Supplement and Project Emissions Increase Supplement)   | STEERS         | 08/01/2025     |
|                                                                                                       |                |                |



# TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

## SECTION I: General Information

|                                                                                                                                                  |                                                                                       |                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>1. Reason for Submission</b> (If other is checked please describe in space provided.)                                                         |                                                                                       |                                                         |
| <input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.) |                                                                                       |                                                         |
| <input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)                                                      | <input type="checkbox"/> Other                                                        |                                                         |
| <b>2. Customer Reference Number</b> (if issued)                                                                                                  | <a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a> | <b>3. Regulated Entity Reference Number</b> (if issued) |
| CN                                                                                                                                               |                                                                                       | RN                                                      |

## SECTION II: Customer Information

|                                                                                                                                                                                                         |  |                                                                        |  |                                                                                |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|
| <b>4. General Customer Information</b>                                                                                                                                                                  |  | <b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy) |  | 8/1/2025                                                                       |  |
| <input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership                                  |  |                                                                        |  |                                                                                |  |
| <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)                                                                    |  |                                                                        |  |                                                                                |  |
| <i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>         |  |                                                                        |  |                                                                                |  |
| <b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)                                                                                                                  |  |                                                                        |  | <i>If new Customer, enter previous Customer below:</i>                         |  |
| Fermi Equipment Holdco, LLC                                                                                                                                                                             |  |                                                                        |  |                                                                                |  |
| <b>7. TX SOS/CPA Filing Number</b>                                                                                                                                                                      |  | <b>8. TX State Tax ID</b> (11 digits)                                  |  | <b>9. Federal Tax ID</b> (9 digits)                                            |  |
| 0806069167                                                                                                                                                                                              |  | 32100583700                                                            |  | 39-2519855                                                                     |  |
| <b>10. DUNS Number</b> (if applicable)                                                                                                                                                                  |  |                                                                        |  |                                                                                |  |
| <b>11. Type of Customer:</b>                                                                                                                                                                            |  | <input type="checkbox"/> Corporation                                   |  | <input type="checkbox"/> Individual                                            |  |
| Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other |  | <input type="checkbox"/> Sole Proprietorship                           |  | Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited |  |
| <input checked="" type="checkbox"/> Other: LLC                                                                                                                                                          |  |                                                                        |  |                                                                                |  |
| <b>12. Number of Employees</b>                                                                                                                                                                          |  |                                                                        |  | <b>13. Independently Owned and Operated?</b>                                   |  |
| <input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher                      |  |                                                                        |  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No            |  |
| <b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following                                                            |  |                                                                        |  |                                                                                |  |
| <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:                                                   |  |                                                                        |  |                                                                                |  |
| <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant                                                                    |  |                                                                        |  |                                                                                |  |
| <b>15. Mailing Address:</b>                                                                                                                                                                             |  |                                                                        |  |                                                                                |  |
| 600 S. Tyler, Suite 1501                                                                                                                                                                                |  |                                                                        |  |                                                                                |  |
|                                                                                                                                                                                                         |  |                                                                        |  |                                                                                |  |
| City: Amarillo State: TX ZIP: 79101 ZIP + 4:                                                                                                                                                            |  |                                                                        |  |                                                                                |  |
|                                                                                                                                                                                                         |  |                                                                        |  |                                                                                |  |
| <b>16. Country Mailing Information</b> (if outside USA)                                                                                                                                                 |  |                                                                        |  | <b>17. E-Mail Address</b> (if applicable)                                      |  |
|                                                                                                                                                                                                         |  |                                                                        |  |                                                                                |  |



|                             |                              |                                       |
|-----------------------------|------------------------------|---------------------------------------|
| <b>18. Telephone Number</b> | <b>19. Extension or Code</b> | <b>20. Fax Number (if applicable)</b> |
| ( 214 ) 894-7855            |                              | (   )   -                             |

## SECTION III: Regulated Entity Information

|                                                                                                                                                                                   |                       |  |              |    |            |  |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|--------------|----|------------|--|----------------|--|
| <b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected, a new permit application is also required.)                                               |                       |  |              |    |            |  |                |  |
| <input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information |                       |  |              |    |            |  |                |  |
| <i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>                 |                       |  |              |    |            |  |                |  |
| <b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)                                                                             |                       |  |              |    |            |  |                |  |
| Fermi America Project Matador                                                                                                                                                     |                       |  |              |    |            |  |                |  |
| <b>23. Street Address of the Regulated Entity:</b><br><br>(No PO Boxes)                                                                                                           | see description below |  |              |    |            |  |                |  |
|                                                                                                                                                                                   |                       |  |              |    |            |  |                |  |
|                                                                                                                                                                                   | <b>City</b>           |  | <b>State</b> | TX | <b>ZIP</b> |  | <b>ZIP + 4</b> |  |
| <b>24. County</b>                                                                                                                                                                 | Carson                |  |              |    |            |  |                |  |

If no Street Address is provided, fields 25-28 are required.

|                                                                                                                                                                                                                            |                                                                                                                                                                     |                               |                              |                               |                                      |                                       |                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------|-------------------------------|--------------------------------------|---------------------------------------|----------------|--|
| <b>25. Description to Physical Location:</b>                                                                                                                                                                               | Project site is located approximately 15 miles northeast of Amarillo, TX along US Hwy 60, near intersection of US Hwy 60 & FM2373 along the north side of the road. |                               |                              |                               |                                      |                                       |                |  |
| <b>26. Nearest City</b>                                                                                                                                                                                                    |                                                                                                                                                                     |                               |                              |                               | <b>State</b>                         | <b>Nearest ZIP Code</b>               |                |  |
| Amarillo                                                                                                                                                                                                                   |                                                                                                                                                                     |                               |                              |                               | TX                                   | 79101                                 |                |  |
| <i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i> |                                                                                                                                                                     |                               |                              |                               |                                      |                                       |                |  |
| <b>27. Latitude (N) In Decimal:</b>                                                                                                                                                                                        |                                                                                                                                                                     | 35.2843                       |                              |                               | <b>28. Longitude (W) In Decimal:</b> |                                       | -101.5776      |  |
| Degrees                                                                                                                                                                                                                    | Minutes                                                                                                                                                             | Seconds                       | Degrees                      | Minutes                       | Seconds                              |                                       |                |  |
| 35                                                                                                                                                                                                                         | 17                                                                                                                                                                  | 3.39                          | 101                          | 34                            | 39.33                                |                                       |                |  |
| <b>29. Primary SIC Code</b>                                                                                                                                                                                                |                                                                                                                                                                     | <b>30. Secondary SIC Code</b> |                              | <b>31. Primary NAICS Code</b> |                                      | <b>32. Secondary NAICS Code</b>       |                |  |
| (4 digits)                                                                                                                                                                                                                 |                                                                                                                                                                     | (4 digits)                    |                              | (5 or 6 digits)               |                                      | (5 or 6 digits)                       |                |  |
| 4911                                                                                                                                                                                                                       |                                                                                                                                                                     |                               |                              | 221112                        |                                      |                                       |                |  |
| <b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)                                                                                                                      |                                                                                                                                                                     |                               |                              |                               |                                      |                                       |                |  |
| Power Generation for On-site Data Center                                                                                                                                                                                   |                                                                                                                                                                     |                               |                              |                               |                                      |                                       |                |  |
| <b>34. Mailing Address:</b>                                                                                                                                                                                                | 600 S. Tyler, Suite 1501                                                                                                                                            |                               |                              |                               |                                      |                                       |                |  |
|                                                                                                                                                                                                                            |                                                                                                                                                                     |                               |                              |                               |                                      |                                       |                |  |
|                                                                                                                                                                                                                            | <b>City</b>                                                                                                                                                         | Amarillo                      | <b>State</b>                 | TX                            | <b>ZIP</b>                           | 79101                                 | <b>ZIP + 4</b> |  |
| <b>35. E-Mail Address:</b>                                                                                                                                                                                                 |                                                                                                                                                                     | Accounting@fermiamerica.com   |                              |                               |                                      |                                       |                |  |
| <b>36. Telephone Number</b>                                                                                                                                                                                                |                                                                                                                                                                     |                               | <b>37. Extension or Code</b> |                               |                                      | <b>38. Fax Number (if applicable)</b> |                |  |
| ( 214 ) 894-7855                                                                                                                                                                                                           |                                                                                                                                                                     |                               |                              |                               |                                      | (   )   -                             |                |  |

**39. TCEQ Programs and ID Numbers** Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

|                                                |                                                           |                                                 |                                                  |                                                     |
|------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Dam Safety            | <input type="checkbox"/> Districts                        | <input type="checkbox"/> Edwards Aquifer        | <input type="checkbox"/> Emissions Inventory Air | <input type="checkbox"/> Industrial Hazardous Waste |
|                                                |                                                           |                                                 |                                                  |                                                     |
| <input type="checkbox"/> Municipal Solid Waste | <input checked="" type="checkbox"/> New Source Review Air | <input type="checkbox"/> OSSF                   | <input type="checkbox"/> Petroleum Storage Tank  | <input type="checkbox"/> PWS                        |
|                                                |                                                           |                                                 |                                                  |                                                     |
| <input type="checkbox"/> Sludge                | <input type="checkbox"/> Storm Water                      | <input checked="" type="checkbox"/> Title V Air | <input type="checkbox"/> Tires                   | <input type="checkbox"/> Used Oil                   |
|                                                |                                                           |                                                 |                                                  |                                                     |
| <input type="checkbox"/> Voluntary Cleanup     | <input type="checkbox"/> Wastewater                       | <input type="checkbox"/> Wastewater Agriculture | <input type="checkbox"/> Water Rights            | <input type="checkbox"/> Other:                     |
|                                                |                                                           |                                                 |                                                  |                                                     |

## **SECTION IV: Preparer Information**

|                             |                      |                       |                           |                           |
|-----------------------------|----------------------|-----------------------|---------------------------|---------------------------|
| <b>40. Name:</b>            | Elizabeth Stanko     |                       | <b>41. Title:</b>         | Director, Energy Projects |
| <b>42. Telephone Number</b> | <b>43. Ext./Code</b> | <b>44. Fax Number</b> | <b>45. E-Mail Address</b> |                           |
| ( 713 ) 244-1039            |                      | ( ) -                 | EStanko@TRCcompanies.com  |                           |

## **SECTION V: Authorized Signature**

**46.** By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

|                         |                             |                   |                         |  |
|-------------------------|-----------------------------|-------------------|-------------------------|--|
| <b>Company:</b>         | Fermi Equipment Holdco, LLC | <b>Job Title:</b> | Director of Development |  |
| <b>Name (In Print):</b> | Charles Hamilton            | <b>Phone:</b>     | ( 806 ) 789- 4300       |  |
| <b>Signature:</b>       |                             | <b>Date:</b>      | 8/1/2025                |  |



## **Texas Commission on Environmental Quality**

### **Form APD-EXP Expedited Permit Request**

#### **Instructions**

For more information on the expedited permitting program, please refer to the document titled “Initial Implementation of the Expedited Permitting Program” on our website at:

[www.tceq.texas.gov/assets/public/permitting/air/Guidance/NewSourceReview/epp-in-impl-guide-external-6258.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/NewSourceReview/epp-in-impl-guide-external-6258.pdf).

#### **I. Contact Information**

List the legal name of the company, corporation, partnership, or person who is requesting to expedite the processing of the application. List the Customer Reference Number (CN) and the Regulated Entity Number (RN). Provide the name, telephone number, and e-mail address of the company official or technical contact. This person must have the authority to make binding agreements and representations on behalf of the applicant. Make sure all contact information matches the information provided on the application form associated with this request (e.g., PI-1).

#### **II. Project Information**

List the facility name, permit number, and project number, as applicable. Enter NA if this request accompanies an initial permit. This information should match the application form associated with this request (e.g., PI-1).

#### **III. Economic Justification**

Title 30 Texas Administrative Code (TAC) Chapter 101, Subchapter J, allows for permits to be expedited if the applicant can demonstrate that a project will “benefit the economy of this state or an area of this state.” Confirm that the purpose of the application associated with this request form will benefit the economy of this state or an area of this state by checking the appropriate box.

#### **IV. Delinquent Fees and Penalties**

The Air Permits Division will not expedite this application if any delinquent fees and applicable penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ, in accordance with TCEQ protocol for delinquent fees and penalties.

#### **V. Signature**

Please make sure a signature of the company official or technical contact is included in the application submitted to the TCEQ.

## Form APD-EXP Expedited Permitting Request

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>I. Contact Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |
| Company or Other Legal Customer Name: Fermi Equipment Holdco LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |
| Customer Reference Number (CN): TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| Regulated Entity Number (RN): TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| Company Official or Technical Contact Name: Mr. Charlie Hamilton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |
| Phone Number: 806-789-4300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |
| Email: charlie.hamilton@fermiamerica.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |
| <b>II. Project Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| Facility Type: Combined Cycle Natural Gas Turbines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| Permit Number: TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| Project Number: TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| <b>III. Economic Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| The purpose of the application associated with this request to expedite will benefit the economy of this state or an area of this state.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| <b>IV. Delinquent Fees and Penalties</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |
| Applications will not be expedited if any delinquent fees and/or penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: <a href="http://www.tceq.texas.gov/agency/delin/index.html">www.tceq.texas.gov/agency/delin/index.html</a> .                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| <b>V. Signature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. As the applicant, I commit to fulfilling all expectations of the expedited permitting program and application requirements promptly. Failure to meet any expectation or requirement may cause my application to be removed from the expedited permitting program and possibly voided at the discretion of the TCEQ Executive Director. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties. |                                                                     |
| Name: Charlie Hamilton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |

Reset Form

**Air Permit Division Air Permit Support (APD-APS) Air Permitting Surcharge Payment  
Texas Commission on Environmental Quality**

To process a permit application as part of the expedited permit program, Air Permits Division (APD) requires a surcharge to cover expenses incurred to expedite the processing of an application using additional resources. The surcharge must be submitted along with the expedited request to Texas Commission on Environmental Quality (TCEQ).

**Instructions**

**I. Contact Information**

List the legal name of the company, corporation, partnership, or person who is requesting to expedite the processing of the application. List the Customer Reference Number (CN) and the Regulated Entity Number (RN). Provide the name, title, mailing address, telephone number, and e-mail address of the company official or technical contact. This person must have the authority to make binding agreements and representations on behalf of the applicant. Make sure all contact information matches the information provided on the application form associated with this request (e.g., PI-1).

**II. Project Information**

List the facility name, permit number, and project number, as applicable. This information should match Form Expedited Permit Request (APD-EXP).

**III. Surcharge Payment**

The fee amount for the various air permit projects are listed as follows:

| <b>Project Type</b>                               | <b>Fee Amount</b> |
|---------------------------------------------------|-------------------|
| Standard Permit (with public notice requirements) | \$3,000           |
| Title V General Operating Permit (GOP)            | \$3,000           |
| Title V Site Operating Permit (SOP)               | \$10,000          |
| NSR case-by-case permit                           | \$10,000          |
| Federal NSR permits                               | \$20,000          |

NSR case-by-case permit that accompanies a federal NSR permit does not have an additional surcharge.

Permits by rule (PBRs) and Standard Permit (which do not require public notice) must use the ePermits system and pay \$500 (**non-refundable**, flat surcharge). Surcharge will be collected through the ePermits system.

Mail the completed Form APD-APS Air Permitting Surcharge Payment and payment to:

TX Commission on Environmental Quality, Cashier's Office MC 214  
P.O. Box 13088, Austin, TX 78711-3088

**Air Permit Division Air Permit Support (APD-APS) Air Permitting Surcharge Payment  
Texas Commission on Environmental Quality**

|                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Contact Information</b>                                                                                                                                   |
| Company or Other Legal Customer Name: Fermi Equipment Holdco LLC                                                                                                |
| Customer Reference Number (CN): TBD                                                                                                                             |
| Regulated Entity Number (RN): TBD                                                                                                                               |
| Company Official or Technical Contact Information                                                                                                               |
| <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. <input type="checkbox"/> Other: |
| Name: Charlie                                                                                                                                                   |
| Title: Hamilton                                                                                                                                                 |
| Mailing Address: 600 S. Tyler, Suite 1501                                                                                                                       |
| City: Amarillo                                                                                                                                                  |
| State: Texas                                                                                                                                                    |
| ZIP Code: 79101                                                                                                                                                 |
| Telephone Number: 806-789-4300                                                                                                                                  |
| E-mail Address: charlie.hamilton@fermiamerica.com                                                                                                               |
| <b>II. Project Information</b>                                                                                                                                  |
| Facility Name: Fermi America Project Matador                                                                                                                    |
| Permit Number: TBD                                                                                                                                              |
| Project Number: TBD                                                                                                                                             |
| <b>III. Surcharge Payment</b>                                                                                                                                   |
| Project Type: Federal NSR                                                                                                                                       |
| Fee Amount: \$ 20,000                                                                                                                                           |
| Check, Money Order, Transaction Number, and/or ePay Voucher Number: <i>(below)</i>                                                                              |
|                                                                                                                                                                 |
| Paid Online: <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>                                             |
| Company Name on Check:                                                                                                                                          |

**Plain Language Summary for New Source Review (NSR) Initial  
Application for Air New Source Review Permit Number [TBD]**

*The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.*

Fermi Equipment Holdco LLC (CN TBD) has submitted an air permit application for initial Permit Numbers [NSR# PSDTX# GHGPSDTX#] to authorize construction of a new natural gas-fired combined cycle power plant. The Fermi America Project Matador (RN TBD) will be installed at a greenfield site in Carson County. The site is located on the north side of US Route 60, approximately 15 miles northeast of Amarillo, Texas. The Fermi America Project Matador will provide electricity to an onsite data center campus.

Fermi Equipment Holdco LLC has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

| Pollutant                                                           | Proposed Emissions (tons per year) |
|---------------------------------------------------------------------|------------------------------------|
| Volatile Organic Compounds (VOC)                                    | 581.75                             |
| Carbon Monoxide (CO)                                                | 2,140.86                           |
| Nitrogen Oxides (NOx)                                               | 1,591.48                           |
| Sulfur Dioxide (SO <sub>2</sub> )                                   | 282.28                             |
| Ammonia (NH <sub>3</sub> )                                          | 1,370.78                           |
| Total Particulate Matter (PM)                                       | 1,075.12                           |
| Particulate Matter sized less than 10 Microns (PM <sub>10</sub> )   | 1,025.80                           |
| Particulate Matter sized less than 2.5 Microns (PM <sub>2.5</sub> ) | 976.69                             |
| Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )                     | 43.20                              |
| Greenhouse Gas (CO <sub>2</sub> e)                                  | 23,584,211.38                      |
| Hazardous Air Pollutants (HAPs - Individual)                        | 44.04                              |
| Hazardous Air Pollutants (HAPS - Aggregate)                         | 107.48                             |

NOx emissions from the new combustion turbines will be controlled with selective catalytic reduction (SCR) and CO emissions will be controlled with an oxidation catalyst.



## Resumen en Lenguaje Sencillo del Permiso Inicial de Revisión de Nuevas Fuentes Solicitud de Permiso de Revisión de Nuevas Fuentes de Aire Número [TBD]

*El siguiente resumen se proporciona para esta solicitud de permiso de aire pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas, según lo dispuesto en el capítulo 39 del Código Administrativo de Texas. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no son representaciones federales ejecutables de la solicitud de permiso.*

Fermi Equipment Holdco LLC (CN TBD) ha presentado una solicitud de permiso de aire con los números iniciales [NSR# PSDTX# GHGPSDTX#] para autorizar la construcción de una nueva central eléctrica de ciclo combinado alimentada con gas natural. El proyecto Matador de Fermi America (RN TBD), se instalará en un terreno sin desarrollar en el condado de Carson. El sitio se ubica al norte de la Ruta 60 de EE. UU., aproximadamente a 24 kilómetros al noreste de Amarillo, Texas. El proyecto Matador de Fermi America suministrará electricidad a un campus de centro de datos en el sitio.

Fermi Equipment Holdco LLC ha enumerado en la solicitud los contaminantes y las cantidades que se emitirán en cada instalación. A continuación, se muestra la cantidad total de cada contaminante que se propone emitir anualmente en todas las instalaciones.

| Los Contaminantes                                                 | Emisiones Propuestas<br>(toneladas por año) |
|-------------------------------------------------------------------|---------------------------------------------|
| Compuestos orgánicos volátiles (COV)                              | 581.75                                      |
| Monóxido de carbono (CO)                                          | 2,140.86                                    |
| Óxidos de nitrógeno (NOx)                                         | 1,591.48                                    |
| Dióxido de azufre (SO <sub>2</sub> )                              | 282.28                                      |
| Amoníaco (NH <sub>3</sub> )                                       | 1,370.78                                    |
| Partículas Totales (PM)                                           | 1,075.12                                    |
| Partículas de tamaño inferior a 10 micrones (PM <sub>10</sub> )   | 1,025.80                                    |
| Partículas de tamaño inferior a 2,5 micrones (PM <sub>2.5</sub> ) | 976.69                                      |
| Ácido sulfúrico (H <sub>2</sub> SO <sub>4</sub> )                 | 43.20                                       |
| Gases de efecto invernadero (CO <sub>2</sub> e)                   | 23,584,211.38                               |
| Contaminantes atmosféricos peligrosos (HAPs - Individual)         | 44.04                                       |
| Contaminantes atmosféricos peligrosos (HAPS - Aggregate)          | 107.48                                      |

Las emisiones de NOx de las nuevas turbinas de combustión se controlarán con reducción catalítica selectiva (SCR) y las emisiones de CO se controlarán con un catalizador de oxidación.



Texas Commission on Environmental Quality

## Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

### Section 1. Preliminary Screening

- ☒ New Permit or Registration Application  
☐ New Activity - modification, registration, amendment, facility, etc. (see instructions)

**If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.**

### Section 2. Secondary Screening

- ☒ Requires public notice,  
☐ Considered to have significant public interest, and  
☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.  
Stop after Section 2 and submit the form.**

- ☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Project located in a remote, undeveloped area, and not considered to have significant public interest.

### Section 3. Application Information

#### Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V  
Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire  
☐ Radioactive Material Licensing ☐ Underground Injection Control

#### Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)  
☐ Texas Land Application Permit (TLAP)  
☐ State Only Concentrated Animal Feeding Operation (CAFO)  
☐ Water Treatment Plant Residuals Disposal Permit  
☐ Class B Biosolids Land Application Permit  
☐ Domestic Septage Land Application Registration

#### Water Rights New Permit

☐ New Appropriation of Water  
☐ New or existing reservoir

#### Amendment to an Existing Water Right

☐ Add a New Appropriation of Water  
☐ Add a New or Existing Reservoir  
☐ Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

Provide a brief description of planned activities.

## Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

**Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.**

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☐

City

☐

County

☐

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

(b) Per capita income for population near the specified location

(c) Percent of minority population and percent of population by race within the specified location

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

## Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☐ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☐ No

If Yes, please describe.

**If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.**

(c) Will you provide notice of this application in alternative languages?

☐ Yes ☐ No

**Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.**

If yes, how will you provide notice in alternative languages?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☐ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

- ☐ TCEQ Regional Office ☐ TCEQ Central Office
- ☐ Public Place (specify)

## Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

**Texas Commission on Environmental Quality**  
**Table 2**  
**Material Balance**

This material balance table is used to quantify possible emissions of air contaminants and special emphasis should be placed on potential air contaminants, for example: If feed contains sulfur, show distribution to all products. Please relate each material (or group of materials) listed to its respective location in the process flow diagram by assigning emission point numbers (taken from the flow diagram) to each material.

| List every material involved in each of the following groups | Emission Point No. from Flow Diagram | Process Rate <sup>1</sup><br>Check appropriate column at right to indicate process rate method. | Measurement | Estimation | Calculation |
|--------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------|-------------|------------|-------------|
| Raw Materials - Input                                        |                                      |                                                                                                 |             |            |             |
| Fuels - Input                                                | Natural Gas<br>Diesel (ULSD)         | 402,436,809 MMBtu/yr<br>1,000,000 gallons/yr                                                    |             |            | X           |
| Products and By-Products - Output                            | Electricity                          | Approximately 6,000 MW                                                                          |             |            | X           |
| Solid Wastes - Output                                        |                                      |                                                                                                 |             |            |             |
| Liquid Wastes - Output                                       |                                      |                                                                                                 |             |            |             |
| Airborne Waste (Solid) - Output                              |                                      | See PI-1 Workbook                                                                               |             |            | X           |
| Airborne Wastes (Gaseous) - Output                           |                                      | See PI-1 Workbook                                                                               |             |            | X           |

<sup>1</sup> Specify the process rate of the facility using conventional engineering units (e.g., bbl/d, lb/yr, SCFM), and indicate the units next to each number. Standard Conditions: are 68°F 14.7 psia (30 Texas Administrative Code, Section 101.1(99)).

**Texas Commission on Environmental Quality**  
**Table 7(a)**  
**Vertical Fixed Roof Storage Tank Summary**

|                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|
| <b>I. Tank Identification (Use a separate form for each tank)</b>                                                                                                                                                                                                                                                |                                                                                   |                                 |
| Applicant's Name: <b>Fermi Equipment Holdco LLC</b>                                                                                                                                                                                                                                                              |                                                                                   |                                 |
| Location (indicate on plot plan and provide coordinates):                                                                                                                                                                                                                                                        |                                                                                   |                                 |
| Tank No.: <b>TNK-DSL1 through TNK-DSL4</b>                                                                                                                                                                                                                                                                       | Emission Point No. (EPN) (from flow diagram):<br><b>TNK-DSL1 through TNK-DSL4</b> |                                 |
| FIN: <b>TNK-DSL1 through TNK-DSL4</b>                                                                                                                                                                                                                                                                            | CIN:                                                                              |                                 |
| Status: <input checked="" type="checkbox"/> New Tank <input type="checkbox"/> Altered Tank <input type="checkbox"/> Relocation <input type="checkbox"/> Change of Service                                                                                                                                        |                                                                                   |                                 |
| Previous Permit No., Permit by Rule No., or Exemption No.:                                                                                                                                                                                                                                                       |                                                                                   |                                 |
| <b>II. Tank Physical Characteristics</b>                                                                                                                                                                                                                                                                         |                                                                                   |                                 |
| <b>Dimensions</b>                                                                                                                                                                                                                                                                                                |                                                                                   |                                 |
| Shell Height (ft.): 30                                                                                                                                                                                                                                                                                           | Diameter (ft.): 12                                                                | Maximum Liquid Height (ft.): 29 |
| Nominal Capacity or Working Volume (gallons): 25,000                                                                                                                                                                                                                                                             |                                                                                   | Turnovers per year: 10.6        |
| Net Throughput (gallons/year): 250,000                                                                                                                                                                                                                                                                           | Maximum Filling Rate (gallons/hour): 2,000                                        |                                 |
| <b>Paint Characteristics</b>                                                                                                                                                                                                                                                                                     |                                                                                   |                                 |
| Shell Color/Shade: <input checked="" type="checkbox"/> White/White <input type="checkbox"/> Aluminum/Specular <input type="checkbox"/> Aluminum/Diffuse<br><input type="checkbox"/> Gray/Light <input type="checkbox"/> Gray/Medium <input type="checkbox"/> Red/Primer<br><input type="checkbox"/> Other: _____ |                                                                                   |                                 |
| Shell Condition: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Poor                                                                                                                                                                                                                          |                                                                                   |                                 |
| Roof Color/Shade: <input checked="" type="checkbox"/> White/White <input type="checkbox"/> Aluminum/Specular <input type="checkbox"/> Aluminum/Diffuse<br><input type="checkbox"/> Gray/Light <input type="checkbox"/> Gray/Medium <input type="checkbox"/> Red/Primer<br><input type="checkbox"/> Other: _____  |                                                                                   |                                 |
| Roof Condition: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Poor                                                                                                                                                                                                                           |                                                                                   |                                 |
| <b>Rood Characteristics</b>                                                                                                                                                                                                                                                                                      |                                                                                   |                                 |
| Roof Type: <input type="checkbox"/> Dome <input checked="" type="checkbox"/> Cone                                                                                                                                                                                                                                |                                                                                   |                                 |
| Roof Height (not including shell height) (ft.): 0.375                                                                                                                                                                                                                                                            |                                                                                   |                                 |
| Radius (Dome Roof Only) (ft.)                                                                                                                                                                                                                                                                                    | Slope (Cone Roof Only) (ft/ft) 0.0625                                             |                                 |
| <b>Breather Vent Settings</b>                                                                                                                                                                                                                                                                                    |                                                                                   |                                 |
| Combination Vent Valve Number:                                                                                                                                                                                                                                                                                   |                                                                                   |                                 |
| Combination Vent Valve Pressure Setting (psig):                                                                                                                                                                                                                                                                  |                                                                                   |                                 |
| Combination Vent Valve Vacuum Setting (psig):                                                                                                                                                                                                                                                                    |                                                                                   |                                 |
| SPECIFY "Atmosphere" or Discharging to (name of abatement device):                                                                                                                                                                                                                                               |                                                                                   |                                 |
| Pressure Vent Valve Number:                                                                                                                                                                                                                                                                                      |                                                                                   |                                 |
| Pressure Vent Valve Pressure Setting (psig): 0.03                                                                                                                                                                                                                                                                |                                                                                   |                                 |
| SPECIFY "Atmosphere" or Discharging to (name of abatement device): Atmosphere                                                                                                                                                                                                                                    |                                                                                   |                                 |

**Texas Commission on Environmental Quality**  
**Table 7(a)**  
**Vertical Fixed Roof Storage Tank Summary**

| Permit No.: TBD                                                                                                                                                  | Tank No.: TNK-DSL1 through TNK-DSL4 |                                                         |                                                        |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------|--------------------------------------------------------|------------------|
| <b>II. Tank Physical Characteristics</b>                                                                                                                         |                                     |                                                         |                                                        |                  |
| <b>Breather Vent Settings (<i>continued</i>)</b>                                                                                                                 |                                     |                                                         |                                                        |                  |
| Vacuum Vent Valve Number:                                                                                                                                        |                                     |                                                         |                                                        |                  |
| Vacuum Vent Valve Vacuum Setting ( <i>psig</i> ): -0.03                                                                                                          |                                     |                                                         |                                                        |                  |
| Open Vent Valve Number:                                                                                                                                          |                                     |                                                         |                                                        |                  |
| SPECIFY "Atmosphere" or Discharging to ( <i>name of abatement device</i> ): Atmosphere                                                                           |                                     |                                                         |                                                        |                  |
| <b>III. Liquid Properties of Stored Material</b>                                                                                                                 |                                     |                                                         |                                                        |                  |
| Chemical Category: <input type="checkbox"/> Organic Liquid <input checked="" type="checkbox"/> Petroleum Distillates <input type="checkbox"/> Crude Oils         |                                     |                                                         |                                                        |                  |
| <input checked="" type="checkbox"/> Single ( <i>Complete Section III.1.</i> ) <input type="checkbox"/> Multi-Component Liquid ( <i>Complete Section III.2.</i> ) |                                     |                                                         |                                                        |                  |
| <b>1. Single Component Information</b>                                                                                                                           |                                     |                                                         |                                                        |                  |
| Chemical Name: Diesel Fuel                                                                                                                                       |                                     |                                                         |                                                        |                  |
| CAS Number: 68334-30-5                                                                                                                                           |                                     |                                                         |                                                        |                  |
| Average Liquid Surface Temperature (°F): 59.7                                                                                                                    |                                     |                                                         |                                                        |                  |
| True Vapor Pressure at Average Liquid Surface Temperature ( <i>psia</i> ): 0.01                                                                                  |                                     |                                                         |                                                        |                  |
| Liquid Molecular Weight: 130                                                                                                                                     |                                     |                                                         |                                                        |                  |
| <b>2. Multiple Component Information</b>                                                                                                                         |                                     |                                                         |                                                        |                  |
| Mixture Name:                                                                                                                                                    |                                     |                                                         |                                                        |                  |
| Average Liquid Surface Temperature (°F):                                                                                                                         |                                     |                                                         |                                                        |                  |
| Minimum Liquid Surface Temperature (°F):                                                                                                                         |                                     |                                                         |                                                        |                  |
| Maximum Liquid Surface Temperature (°F):                                                                                                                         |                                     |                                                         |                                                        |                  |
| True Vapor Pressure at Average Liquid Surface Temperature ( <i>psia</i> ):                                                                                       |                                     |                                                         |                                                        |                  |
| True Vapor Pressure at Minimum Liquid Surface Temperature ( <i>psia</i> ):                                                                                       |                                     |                                                         |                                                        |                  |
| True Vapor Pressure at Maximum Liquid Surface Temperature ( <i>psia</i> ):                                                                                       |                                     |                                                         |                                                        |                  |
| Liquid Molecular Weight:                                                                                                                                         |                                     |                                                         |                                                        |                  |
| Vapor Molecular Weight:                                                                                                                                          |                                     |                                                         |                                                        |                  |
| <b>Chemical Components Information</b>                                                                                                                           |                                     |                                                         |                                                        |                  |
| Chemical Name                                                                                                                                                    | CAS No.                             | Percent of Total<br>Liquid Weight<br>( <i>typical</i> ) | Percent of Total<br>Vapor Weight<br>( <i>typical</i> ) | Molecular Weight |
|                                                                                                                                                                  |                                     |                                                         |                                                        |                  |
|                                                                                                                                                                  |                                     |                                                         |                                                        |                  |
|                                                                                                                                                                  |                                     |                                                         |                                                        |                  |
|                                                                                                                                                                  |                                     |                                                         |                                                        |                  |
|                                                                                                                                                                  |                                     |                                                         |                                                        |                  |



**Texas Commission on Environmental Quality**  
**Table 29 Reciprocating Engines**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|-----------------------|-----------------|------|-----------------------------------|------|----------------------|-------------------------------|---------------------------------------------------------------------|------|
| <b>I. Engine Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| Manufacturer:<br>TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |         | Model No.<br>TBD      |                 |      | Serial No.                        |      |                      | Manufacture Date:             |                                                                     |      |
| Rebuilds Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |         | No. of Cylinders:     |                 |      | Compression Ratio:                |      |                      | EPN:<br>ENGINE-1 and ENGINE-2 |                                                                     |      |
| <b>Application:</b> <input type="checkbox"/> Gas Compression <input checked="" type="checkbox"/> Electric Generation <input type="checkbox"/> Refrigeration <input type="checkbox"/> Emergency/Stand by<br><input type="checkbox"/> 4 Stroke Cycle <input type="checkbox"/> 2 Stroke Cycle <input type="checkbox"/> Carbureted <input type="checkbox"/> Spark Ignited <input type="checkbox"/> Dual Fuel <input type="checkbox"/> Fuel Injected<br><input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Naturally Aspirated <input type="checkbox"/> Blower /Pump Scavenged <input type="checkbox"/> Turbo Charged and I.C. <input type="checkbox"/> Turbo Charged<br><input type="checkbox"/> Intercooled <input type="checkbox"/> I.C. Water Temperature <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| <b>Ignition/Injection Timing:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |         | Fixed:                |                 |      | Variable:                         |      |                      |                               |                                                                     |      |
| Manufacture Horsepower Rating: 2,682                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |         |                       |                 |      | Proposed Horsepower Rating: 2,682 |      |                      |                               |                                                                     |      |
| <b>Discharge Parameters</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| Stack Height (Feet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |         | Stack Diameter (Feet) |                 |      | Stack Temperature (°F)            |      |                      | Exit Velocity (FPS)           |                                                                     |      |
| TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |         | TBD                   |                 |      | TBD                               |      |                      | TBD                           |                                                                     |      |
| <b>II. Fuel Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| Type of Fuel: <input type="checkbox"/> Field Gas <input type="checkbox"/> Landfill Gas <input type="checkbox"/> LP Gas <input type="checkbox"/> Natural Gas <input type="checkbox"/> Digester Gas <input checked="" type="checkbox"/> Diesel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| Fuel Consumption (BTU/bhp-hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |         |                       | Heating Value:  |      |                                   |      | Lower Heating Value: |                               |                                                                     |      |
| Sulfur Content (grains/100 scf - weight %): 15 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| <b>III. Emission Factors (Before Control)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| NO <sub>x</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | CO      |                       | SO <sub>2</sub> |      | VOC                               |      | Formaldehyde         |                               | PM <sub>10</sub>                                                    |      |
| g/hp-hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ppmv | g/hp-hr | ppmv                  | g/hp-hr         | ppmv | g/hp-hr                           | ppmv | g/hp-hr              | ppmv                          | g/hp-hr                                                             | ppmv |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| Source of Emission Factors: <input checked="" type="checkbox"/> Manufacturer Data <input type="checkbox"/> AP-42 <input type="checkbox"/> Other (specify):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| <b>IV. Emission Factors (Post Control)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| NO <sub>x</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | CO      |                       | SO <sub>2</sub> |      | VOC                               |      | Formaldehyde         |                               | PM <sub>10</sub>                                                    |      |
| g/hp-hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ppmv | g/hp-hr | ppmv                  | g/hp-hr         | ppmv | g/hp-hr                           | ppmv | g/hp-hr              | ppmv                          | g/hp-hr                                                             | ppmv |
| 4.77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | 2.61    |                       | 0.005           |      | 4.77                              |      |                      | 0.49                          | 0.15                                                                |      |
| Method of Emission Control: <input type="checkbox"/> NSCR Catalyst <input type="checkbox"/> Lean Operation <input type="checkbox"/> Parameter Adjustment<br><input type="checkbox"/> Stratified Charge <input type="checkbox"/> JLCC Catalyst <input type="checkbox"/> Other (Specify):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| <i><b>Note:</b> Must submit a copy of any manufacturer control information that demonstrates control efficiency.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| Is Formaldehyde included in the VOCs?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |         |                       |                 |      |                                   |      |                      |                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |      |
| <b>V. Federal and State Standards (Check all that apply)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| <input type="checkbox"/> NSPS JJJJ <input checked="" type="checkbox"/> MACT ZZZZ <input checked="" type="checkbox"/> NSPS IIII <input type="checkbox"/> Title 30 Chapter 117 - List County: <u>Carson</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| <b>VI. Additional Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |
| 1. Submit a copy of the engine manufacturer's site rating or general rating specification data.<br>2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents.<br>3. Submit description of air/fuel ratio control system (manufacturer information is acceptable).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |         |                       |                 |      |                                   |      |                      |                               |                                                                     |      |

**Texas Commission on Environmental Quality**  
**Table 29 Reciprocating Engines**

|                                                                                                                                                                                                                                                                                                                                                    |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------------------------------|-----------------------|------|---------------------------------|------|----------------------|----------------------------|---------------------------------------------------------------------|------|
| <b>I. Engine Data</b>                                                                                                                                                                                                                                                                                                                              |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| Manufacturer:<br>TBD                                                                                                                                                                                                                                                                                                                               |      |           | Model No.<br>TBD             |                       |      | Serial No.                      |      |                      | Manufacture Date:          |                                                                     |      |
| Rebuilds Date:                                                                                                                                                                                                                                                                                                                                     |      |           | No. of Cylinders:            |                       |      | Compression Ratio:              |      |                      | EPN:<br>FPUMP1 and FPUMP2  |                                                                     |      |
| <b>Application:</b> <input type="checkbox"/> Gas Compression <input type="checkbox"/> Electric Generation <input type="checkbox"/> Refrigeration <input checked="" type="checkbox"/> Emergency/Stand by                                                                                                                                            |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <input checked="" type="checkbox"/> 4 Stroke Cycle <input type="checkbox"/> 2 Stroke Cycle <input type="checkbox"/> Carbureted <input type="checkbox"/> Spark Ignited <input type="checkbox"/> Dual Fuel <input type="checkbox"/> Fuel Injected                                                                                                    |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Naturally Aspirated <input type="checkbox"/> Blower /Pump Scavenged <input type="checkbox"/> Turbo Charged and I.C. <input type="checkbox"/> Turbo Charged                                                                                                                     |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <input type="checkbox"/> Intercooled <input type="checkbox"/> I.C. Water Temperature <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn                                                                                                                                                                                         |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>Ignition/Injection Timing:</b> Fixed: _____ Variable: _____                                                                                                                                                                                                                                                                                     |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| Manufacture Horsepower Rating: 350                                                                                                                                                                                                                                                                                                                 |      |           |                              |                       |      | Proposed Horsepower Rating: 350 |      |                      |                            |                                                                     |      |
| <b>Discharge Parameters</b>                                                                                                                                                                                                                                                                                                                        |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>Stack Height (Feet)</b>                                                                                                                                                                                                                                                                                                                         |      |           | <b>Stack Diameter (Feet)</b> |                       |      | <b>Stack Temperature (°F)</b>   |      |                      | <b>Exit Velocity (FPS)</b> |                                                                     |      |
| TBD                                                                                                                                                                                                                                                                                                                                                |      |           | TBD                          |                       |      | TBD                             |      |                      | TBD                        |                                                                     |      |
| <b>II. Fuel Data</b>                                                                                                                                                                                                                                                                                                                               |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| Type of Fuel: <input type="checkbox"/> Field Gas <input type="checkbox"/> Landfill Gas <input type="checkbox"/> LP Gas <input type="checkbox"/> Natural Gas <input type="checkbox"/> Digester Gas <input checked="" type="checkbox"/> Diesel                                                                                                       |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| Fuel Consumption (BTU/bhp-hr):                                                                                                                                                                                                                                                                                                                     |      |           |                              | Heating Value:        |      |                                 |      | Lower Heating Value: |                            |                                                                     |      |
| Sulfur Content (grains/100 scf - weight %): 15 ppm                                                                                                                                                                                                                                                                                                 |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>III. Emission Factors (Before Control)</b>                                                                                                                                                                                                                                                                                                      |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>NO<sub>x</sub></b>                                                                                                                                                                                                                                                                                                                              |      | <b>CO</b> |                              | <b>SO<sub>2</sub></b> |      | <b>VOC</b>                      |      | <b>Formaldehyde</b>  |                            | <b>PM<sub>10</sub></b>                                              |      |
| g/hp-hr                                                                                                                                                                                                                                                                                                                                            | ppmv | g/hp-hr   | ppmv                         | g/hp-hr               | ppmv | g/hp-hr                         | ppmv | g/hp-hr              | ppmv                       | g/hp-hr                                                             | ppmv |
|                                                                                                                                                                                                                                                                                                                                                    |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| Source of Emission Factors: <input checked="" type="checkbox"/> Manufacturer Data <input type="checkbox"/> AP-42 <input type="checkbox"/> Other (specify): _____                                                                                                                                                                                   |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>IV. Emission Factors (Post Control)</b>                                                                                                                                                                                                                                                                                                         |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>NO<sub>x</sub></b>                                                                                                                                                                                                                                                                                                                              |      | <b>CO</b> |                              | <b>SO<sub>2</sub></b> |      | <b>VOC</b>                      |      | <b>Formaldehyde</b>  |                            | <b>PM<sub>10</sub></b>                                              |      |
| g/hp-hr                                                                                                                                                                                                                                                                                                                                            | ppmv | g/hp-hr   | ppmv                         | g/hp-hr               | ppmv | g/hp-hr                         | ppmv | g/hp-hr              | ppmv                       | g/hp-hr                                                             | ppmv |
| 2.98                                                                                                                                                                                                                                                                                                                                               |      | 2.61      |                              | 0.005                 |      | 2.98                            |      |                      | 0.49                       | 0.15                                                                |      |
| Method of Emission Control: <input type="checkbox"/> NSCR Catalyst <input type="checkbox"/> Lean Operation <input type="checkbox"/> Parameter Adjustment<br><input type="checkbox"/> Stratified Charge <input type="checkbox"/> JLCC Catalyst <input type="checkbox"/> Other (Specify): _____                                                      |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <i><b>Note:</b> Must submit a copy of any manufacturer control information that demonstrates control efficiency.</i>                                                                                                                                                                                                                               |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| Is Formaldehyde included in the VOCs?                                                                                                                                                                                                                                                                                                              |      |           |                              |                       |      |                                 |      |                      |                            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |      |
| <b>V. Federal and State Standards (Check all that apply)</b>                                                                                                                                                                                                                                                                                       |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <input type="checkbox"/> NSPS JJJJ <input type="checkbox"/> MACT ZZZZ <input checked="" type="checkbox"/> NSPS IIII <input type="checkbox"/> Title 30 Chapter 117 - List County: <u>Carson</u>                                                                                                                                                     |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| <b>VI. Additional Information</b>                                                                                                                                                                                                                                                                                                                  |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |
| 1. Submit a copy of the engine manufacturer's site rating or general rating specification data.<br>2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents.<br>3. Submit description of air/fuel ratio control system (manufacturer information is acceptable). |      |           |                              |                       |      |                                 |      |                      |                            |                                                                     |      |

**Texas Commission on Environmental Quality**  
**Table 31**  
**Combustion Turbines**

| Equipment Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Manufacturer: <b>Siemens Energy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |
| Model No.: <b>SGT-800</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Serial No.: <b>TBD</b> |
| Emission Point Number (EPN) From Table 1(a): <b>HRS GA-1 through HRS GE-18</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |
| Turbine Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |
| <input checked="" type="checkbox"/> Electric Generation <input checked="" type="checkbox"/> Base Load <input type="checkbox"/> Peaking <input type="checkbox"/> Load Following <input type="checkbox"/> Gas Compression<br><input type="checkbox"/> Other (specify): _____                                                                                                                                                                                                                                                                                                                                                                                                |                        |
| Cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |
| <input checked="" type="checkbox"/> Simple Cycle _____ 8760 Hours Per Year <input type="checkbox"/> Regenerative Cycle <input type="checkbox"/> Cogeneration <input type="checkbox"/> Combined Cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
| Model represented is based on (see 30 TAC § 116.116(a)):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |
| <input checked="" type="checkbox"/> Preliminary Design <input type="checkbox"/> Contract Award <input type="checkbox"/> Other (specify): _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |
| Nominal Power Output at Baseload, ISO: _____ <b>56</b> <input checked="" type="checkbox"/> MW or <input type="checkbox"/> hp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |
| Manufacturer's rated gross heat rate at baseload at expected conditions (efficiency in BTU/kW-hr):<br><div style="text-align: right;"><b>8,790 BTU/kWh</b></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |
| Fuel Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |
| Primary Fuels:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |
| <input checked="" type="checkbox"/> Natural Gas (Sulfur content <b>0.5</b> _____ gr S/100 dscf;    HHV _____ <b>1020</b> Btu/scf)<br><input type="checkbox"/> Process Offgas <input type="checkbox"/> Landfill/Digester Gas <input type="checkbox"/> Fuel Oil <input type="checkbox"/> Refinery Gas<br><input type="checkbox"/> Other (specify): _____                                                                                                                                                                                                                                                                                                                    |                        |
| Backup Fuels:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |
| <input checked="" type="checkbox"/> Not Provided <input type="checkbox"/> Process Offgas <input type="checkbox"/> Ethane <input type="checkbox"/> Fuel Oil <input type="checkbox"/> Refinery Gas<br><input type="checkbox"/> Other (specify): _____                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |
| If using fuels other than natural gas, attach fuel analyses, including maximum sulfur content, heating value (specify LHV or HHV) and mole percent of gaseous constituents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |
| Emissions Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |
| Attach manufacturer's information showing emissions of NO <sub>x</sub> , CO, VOC, SO <sub>x</sub> , and PM for each proposed fuel at turbine loads and site ambient temperatures representative of the range of proposed operation. The information must be sufficient to determine maximum hourly and annual emission rates. Annual emissions may be based on a conservatively low approximation of site annual average temperature. Provide emissions in pounds per hour and except for PM, parts per million by volume at actual conditions and corrected to dry, 15% oxygen conditions. In Table 1(a), provide speciation of PM/PM <sub>10</sub> /PM <sub>2.5</sub> . |                        |
| Method of Emission Control:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |
| <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Lean Premix Combustors<br/> <input checked="" type="checkbox"/> Low-NO<sub>x</sub> Combustors<br/> <input type="checkbox"/> Other (specify): _____             </div> <div> <input checked="" type="checkbox"/> Oxidation Catalyst<br/> <input checked="" type="checkbox"/> SCR Catalyst             </div> <div> <input type="checkbox"/> Water Injection<br/> <input type="checkbox"/> Steam Injection             </div> </div>                                                                                                                                            |                        |

**Texas Commission on Environmental Quality**  
**Table 31**  
**Combustion Turbine**

| <b>Additional Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><i>On separate sheets attach the following:</i></p> <ul style="list-style-type: none"><li>A. Details regarding principle of operation of emission controls. If add-on equipment is used, provide make and model and manufacturer's information. Example details include: controller input variables and operational algorithms for water or ammonia injection systems, combustion mode versus turbine load for variable mode combustors, etc.</li><li>B. Stack parameters (not required if represented on Page 2 of Table 1(a)).</li><li>C. If fired duct burners are used (as often used with a Combined Cycle Heat Recovery Steam Generator), supplementary fuel firing information as specified on Table 6, Boilers and Heaters (TCEQ Form Number 10163).</li></ul> |

**Table 1F**  
**Air Quality Application Supplement**  
**Texas Commission on Environmental Quality**

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Permit Number:              | TBD                                                                                  |
| Application Submittal Date: | August 1, 2025                                                                       |
| Company:                    | Fermi Equipment Holdco LLC                                                           |
| Regulated Entity Number:    | RN: TBD                                                                              |
| Named Source (Y/N):         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  |
| City:                       | Panhandle (nearest city)                                                             |
| County:                     | Carson                                                                               |
| Permit Activity:            | <input checked="" type="checkbox"/> New Source <input type="checkbox"/> Modification |

Complete for all Pollutants with a Project Emission Increase.

| Questions                                                                    | Ozone<br>VOC | Ozone<br>NO <sub>x</sub> | CO    | PM    | PM <sub>10</sub> | PM <sub>2.5</sub> | NO <sub>x</sub> | SO <sub>2</sub> | CO <sub>2e</sub> <sup>1</sup> | H <sub>2</sub> SO <sub>4</sub> <sup>1</sup> |
|------------------------------------------------------------------------------|--------------|--------------------------|-------|-------|------------------|-------------------|-----------------|-----------------|-------------------------------|---------------------------------------------|
| Is nonattainment potentially applicable? (Y/N)                               | No           | No                       | No    | No    | No               | No                | No              | No              | No                            | No                                          |
| Is PSD potentially applicable? (Y/N)                                         | Yes          | Yes                      | Yes   | Yes   | Yes              | Yes               | Yes             | Yes             | Yes                           | Yes                                         |
| Existing site PTE (tpy)?                                                     | 0.0          | 0.0                      | 0.0   | 0.0   | 0.0              | 0.0               | 0.0             | 0.0             | 0.0                           | 0.0                                         |
| Total project emissions increase (tpy from Table 2F)?                        | 582          | 1,591                    | 2,141 | 1,075 | 1,026            | 977               | 1,591           | 282             | 23,584,211                    | 43                                          |
| Is the existing site a major source? (Y/N)                                   | No           | No                       | No    | No    | No               | No                | No              | No              | No                            | No                                          |
| If not, is the project a major source by itself? (Y/N)                       | Yes          | Yes                      | Yes   | Yes   | Yes              | Yes               | Yes             | Yes             | Yes                           | No                                          |
| If site is major source, is the project increase significant? (Y/N)          | NA           | NA                       | NA    | NA    | NA               | NA                | NA              | NA              | NA                            | NA                                          |
| Net contemporaneous change, including proposed project, from Table 3F (tpy)? | NA           | NA                       | NA    | NA    | NA               | NA                | NA              | NA              | NA                            | NA                                          |
| Major NSR Applicable? (Y/N)                                                  | Yes          | Yes                      | Yes   | Yes   | Yes              | Yes               | Yes             | Yes             | Yes                           | Yes                                         |

<sup>1</sup> Other pollutants. [Pb, H<sub>2</sub>S, TRS, H<sub>2</sub>SO<sub>4</sub>, Fluoride excluding HF, Greenhouse Gases as CO<sub>2e</sub>, etc.].

**Table 1F**  
**Air Quality Application Supplement**  
**Texas Commission on Environmental Quality**

|                                                                                         |     |
|-----------------------------------------------------------------------------------------|-----|
| If netting required, estimated start of construction date (MM/DD/YR):                   | NA  |
| Beginning of Contemporaneous Period, 5 years prior to start of construction (MM/DD/YR): | NA  |
| End of Contemporaneous Period, the start of operation date (MM/DD/YR):                  | NA# |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 1                                                       | NGFUG      | NGFUG                   | TBD                   | NA                                       | NA                                         | 0.03                                       | NA                                        | NA                                       | NA                                                               | 0.03                                     |
| 2                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 3                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 4                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 5                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 6                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 7                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 8                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 9                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 10                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 11                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 12                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 13                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 14                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 15                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 16                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 17                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 18                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 19                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 20                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 21                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 23                                              | HRSGB-4  | HRSGB-4          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 24                                              | HRSGB-5  | HRSGB-5          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 25                                              | HRSGB-6  | HRSGB-6          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 26                                              | HRSGB-7  | HRSGB-7          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 27                                              | HRSGB-8  | HRSGB-8          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 28                                              | HRSGB-9  | HRSGB-9          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 29                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 30                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 31                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 32                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 33                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 34                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 35                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 36                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 37                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 38                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 39                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 40                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 41                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 42                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 43                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 44                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 45                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 46                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 47                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 48                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 49                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 50                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 51                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 52                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 53                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 54                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 55                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 56                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 57                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 58                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 59                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 60                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 61                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 62                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 63                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 64                                              | HRS GD-9  | HRS GD-9         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 65                                              | HRS GD-10 | HRS GD-10        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 66                                              | HRS GD-11 | HRS GD-11        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 67                                              | HRS GD-12 | HRS GD-12        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 68                                              | HRS GD-13 | HRS GD-13        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 69                                              | HRS GD-14 | HRS GD-14        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 70                                              | HRS GD-15 | HRS GD-15        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 71                                              | HRS GD-16 | HRS GD-16        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 72                                              | HRS GD-17 | HRS GD-17        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 73                                              | HRS GD-18 | HRS GD-18        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 74                                              | HRS GE-1  | HRS GE-1         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 75                                              | HRS GE-2  | HRS GE-2         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 76                                              | HRS GE-3  | HRS GE-3         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 77                                              | HRS GE-4  | HRS GE-4         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 78                                              | HRS GE-5  | HRS GE-5         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 79                                              | HRS GE-6  | HRS GE-6         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 80                                              | HRS GE-7  | HRS GE-7         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 81                                              | HRS GE-8  | HRS GE-8         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 82                                              | HRS GE-9  | HRS GE-9         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 83                                              | HRS GE-10 | HRS GE-10        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 84                                              | HRS GE-11 | HRS GE-11        | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 85                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 86                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 87                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 88                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 89                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 90                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 91                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 92                                                      | LOV1       | LOV1                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 93                                                      | LOV2       | LOV2                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 94                                                      | LOV3       | LOV3                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 95                                                      | LOV4       | LOV4                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 96                                                      | LOV5       | LOV5                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 97                                                      | LOV6       | LOV6                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 98                                                      | LOV7       | LOV7                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 99                                                      | LOV8       | LOV8                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 100                                                     | LOV9       | LOV9                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 101                                                     | LOV10      | LOV10                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 102                                                     | LOV11      | LOV11                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 103                                                     | LOV12      | LOV12                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 104                                                     | LOV13      | LOV13                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 105                                                     | LOV14      | LOV14                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 106                                             | LOV15 | LOV15            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 107                                             | LOV16 | LOV16            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 108                                             | LOV17 | LOV17            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 109                                             | LOV18 | LOV18            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 110                                             | LOV19 | LOV19            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 111                                             | LOV20 | LOV20            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 112                                             | LOV21 | LOV21            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 113                                             | LOV22 | LOV22            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 114                                             | LOV23 | LOV23            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 115                                             | LOV24 | LOV24            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 116                                             | LOV25 | LOV25            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 117                                             | LOV26 | LOV26            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 118                                             | LOV27 | LOV27            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 119                                             | LOV28 | LOV28            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 120                                             | LOV29 | LOV29            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 121                                             | LOV30 | LOV30            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 122                                             | LOV31 | LOV31            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 123                                             | LOV32 | LOV32            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 124                                             | LOV33 | LOV33            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 125                                             | LOV34 | LOV34            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 126                                             | LOV35 | LOV35            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 127                                                     | LOV36      | LOV36                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 128                                                     | LOV37      | LOV37                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 129                                                     | LOV38      | LOV38                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 130                                                     | LOV39      | LOV39                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 131                                                     | LOV40      | LOV40                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 132                                                     | LOV41      | LOV41                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 133                                                     | LOV42      | LOV42                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 134                                                     | LOV43      | LOV43                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 135                                                     | LOV44      | LOV44                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 136                                                     | LOV45      | LOV45                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 137                                                     | LOV46      | LOV46                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 138                                                     | LOV47      | LOV47                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 139                                                     | LOV48      | LOV48                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 140                                                     | LOV49      | LOV49                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 141                                                     | LOV50      | LOV50                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 142                                                     | LOV51      | LOV51                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 143                                                     | LOV52      | LOV52                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 144                                                     | LOV53      | LOV53                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 145                                                     | LOV54      | LOV54                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 146                                                     | LOV55      | LOV55                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 147                                                     | LOV56      | LOV56                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                 |       |                  | <b>A</b>      |                                  | <b>B</b>                           |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 148                                             | LOV57 | LOV57            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 149                                             | LOV58 | LOV58            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 150                                             | LOV59 | LOV59            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 151                                             | LOV60 | LOV60            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 152                                             | LOV61 | LOV61            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 153                                             | LOV62 | LOV62            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 154                                             | LOV63 | LOV63            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 155                                             | LOV64 | LOV64            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 156                                             | LOV65 | LOV65            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 157                                             | LOV66 | LOV66            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 158                                             | LOV67 | LOV67            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 159                                             | LOV68 | LOV68            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 160                                             | LOV69 | LOV69            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 161                                             | LOV70 | LOV70            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 162                                             | LOV71 | LOV71            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 163                                             | LOV72 | LOV72            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 164                                             | LOV73 | LOV73            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 165                                             | LOV74 | LOV74            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 166                                             | LOV75 | LOV75            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 167                                             | LOV76 | LOV76            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 168                                             | LOV77 | LOV77            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 169                                             | LOV78 | LOV78            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 170                                             | LOV79 | LOV79            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 171                                             | LOV80 | LOV80            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 172                                             | LOV81 | LOV81            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 173                                             | LOV82 | LOV82            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 174                                             | LOV83 | LOV83            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 175                                             | LOV84 | LOV84            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 176                                             | LOV85 | LOV85            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 177                                             | LOV86 | LOV86            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 178                                             | LOV87 | LOV87            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 179                                             | LOV88 | LOV88            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 180                                             | LOV89 | LOV89            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 181                                             | LOV90    | LOV90            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 182                                             | TNK-DSL1 | TNK-DSL1         | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 183                                             | TNK-DSL2 | TNK-DSL2         | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| 184                                             | TNK-DSL3 | TNK-DSL3         | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| 185                                             | TNK-DSL4 | TNK-DSL4         | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| 186                                             | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.12                               | NA                               | NA                               | NA                                                      | 0.12                             |
| 187                                             | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.12                               | NA                               | NA                               | NA                                                      | 0.12                             |
| 188                                             | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 189                                             | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 190                                             | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 191                                             | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 192                                             | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 193                                             | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 194                                             | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 1.41                               | NA                               | NA                               | NA                                                      | 1.41                             |
| 195                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 1.41                               | NA                               | NA                               | NA                                                      | 1.41                             |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 196                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 1.31                               | NA                               | NA                               | NA                                                      | 1.31                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>581.75</b>                    |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | HRSGA-1  | HRSGA-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 2                                               | HRSGA-2  | HRSGA-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 3                                               | HRSGA-3  | HRSGA-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 4                                               | HRSGA-4  | HRSGA-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 5                                               | HRSGA-5  | HRSGA-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 6                                               | HRSGA-6  | HRSGA-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 7                                               | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 8                                               | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 9                                               | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 10                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 11                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 12                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 13                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 14                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 15                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 16                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 17                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 18                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 19                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 20                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 21                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSGB-4  | HRSGB-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 23                                              | HRSGB-5  | HRSGB-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 24                                              | HRSGB-6  | HRSGB-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 25                                              | HRSGB-7  | HRSGB-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 26                                              | HRSGB-8  | HRSGB-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 27                                              | HRSGB-9  | HRSGB-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 28                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 29                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 30                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 31                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 32                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 33                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 34                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 35                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 36                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 37                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 38                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 39                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 40                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 41                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 42                                              | HRSGC-6  | HRSGC-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 44                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 45                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 46                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 47                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 48                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 49                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 50                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 51                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 52                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 53                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 54                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 55                                              | HRSGD-1  | HRSGD-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 56                                              | HRSGD-2  | HRSGD-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 57                                              | HRSGD-3  | HRSGD-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 58                                              | HRSGD-4  | HRSGD-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 59                                              | HRSGD-5  | HRSGD-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 60                                              | HRSGD-6  | HRSGD-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 61                                              | HRSGD-7  | HRSGD-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 62                                              | HRSGD-8  | HRSGD-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 63                                              | HRSGD-9  | HRSGD-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 64                                              | HRS GD-10 | HRS GD-10        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 65                                              | HRS GD-11 | HRS GD-11        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 66                                              | HRS GD-12 | HRS GD-12        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 67                                              | HRS GD-13 | HRS GD-13        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 68                                              | HRS GD-14 | HRS GD-14        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 69                                              | HRS GD-15 | HRS GD-15        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 70                                              | HRS GD-16 | HRS GD-16        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 71                                              | HRS GD-17 | HRS GD-17        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 72                                              | HRS GD-18 | HRS GD-18        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 73                                              | HRS GE-1  | HRS GE-1         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 74                                              | HRS GE-2  | HRS GE-2         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 75                                              | HRS GE-3  | HRS GE-3         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 76                                              | HRS GE-4  | HRS GE-4         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 77                                              | HRS GE-5  | HRS GE-5         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 78                                              | HRS GE-6  | HRS GE-6         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 79                                              | HRS GE-7  | HRS GE-7         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 80                                              | HRS GE-8  | HRS GE-8         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 81                                              | HRS GE-9  | HRS GE-9         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 82                                              | HRS GE-10 | HRS GE-10        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 83                                              | HRS GE-11 | HRS GE-11        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 84                                              | HRS GE-12 | HRS GE-12        | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>NOx</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 85                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 86                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 87                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 88                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 89                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 90                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 91                                                      | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.12                                       | NA                                        | NA                                       | NA                                                             | 0.12                                     |
| 92                                                      | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.12                                       | NA                                        | NA                                       | NA                                                             | 0.12                                     |
| 93                                                      | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 94                                                      | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 95                                                      | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 96                                                      | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 97                                                      | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 98                                                      | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 99                                                      | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 1.41                                       | NA                                        | NA                                       | NA                                                             | 1.41                                     |
| 100                                                     | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 1.41                                       | NA                                        | NA                                       | NA                                                             | 1.41                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 101                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>1,591.48</b>                  |

**Explanation (Table 2F Supplement):**

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | HRSGA-1  | HRSGA-1          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 2                                               | HRSGA-2  | HRSGA-2          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 3                                               | HRSGA-3  | HRSGA-3          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 4                                               | HRSGA-4  | HRSGA-4          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 5                                               | HRSGA-5  | HRSGA-5          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 6                                               | HRSGA-6  | HRSGA-6          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 7                                               | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 8                                               | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 9                                               | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 10                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 11                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 12                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 13                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 14                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 15                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 16                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 17                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 18                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 19                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 20                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 21                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSG-B-4  | HRSG-B-4         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 23                                              | HRSG-B-5  | HRSG-B-5         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 24                                              | HRSG-B-6  | HRSG-B-6         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 25                                              | HRSG-B-7  | HRSG-B-7         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 26                                              | HRSG-B-8  | HRSG-B-8         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 27                                              | HRSG-B-9  | HRSG-B-9         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 28                                              | HRSG-B-10 | HRSG-B-10        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 29                                              | HRSG-B-11 | HRSG-B-11        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 30                                              | HRSG-B-12 | HRSG-B-12        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 31                                              | HRSG-B-13 | HRSG-B-13        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 32                                              | HRSG-B-14 | HRSG-B-14        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 33                                              | HRSG-B-15 | HRSG-B-15        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 34                                              | HRSG-B-16 | HRSG-B-16        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 35                                              | HRSG-B-17 | HRSG-B-17        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 36                                              | HRSG-B-18 | HRSG-B-18        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 37                                              | HRSG-C-1  | HRSG-C-1         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 38                                              | HRSG-C-2  | HRSG-C-2         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 39                                              | HRSG-C-3  | HRSG-C-3         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 40                                              | HRSG-C-4  | HRSG-C-4         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 41                                              | HRSG-C-5  | HRSG-C-5         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 42                                              | HRSG-C-6  | HRSG-C-6         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 44                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 45                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 46                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 47                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 48                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 49                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 50                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 51                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 52                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 53                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 54                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 55                                              | HRSGD-1  | HRSGD-1          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 56                                              | HRSGD-2  | HRSGD-2          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 57                                              | HRSGD-3  | HRSGD-3          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 58                                              | HRSGD-4  | HRSGD-4          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 59                                              | HRSGD-5  | HRSGD-5          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 60                                              | HRSGD-6  | HRSGD-6          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 61                                              | HRSGD-7  | HRSGD-7          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 62                                              | HRSGD-8  | HRSGD-8          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 63                                              | HRSGD-9  | HRSGD-9          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                 |    |                |     |
|---------------------------------|----|----------------|-----|
| <b>Pollutant</b> <sup>1</sup> : | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>         | NA | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 64                                              | HRS GD-10 | HRS GD-10        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 65                                              | HRS GD-11 | HRS GD-11        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 66                                              | HRS GD-12 | HRS GD-12        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 67                                              | HRS GD-13 | HRS GD-13        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 68                                              | HRS GD-14 | HRS GD-14        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 69                                              | HRS GD-15 | HRS GD-15        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 70                                              | HRS GD-16 | HRS GD-16        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 71                                              | HRS GD-17 | HRS GD-17        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 72                                              | HRS GD-18 | HRS GD-18        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 73                                              | HRS GE-1  | HRS GE-1         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 74                                              | HRS GE-2  | HRS GE-2         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 75                                              | HRS GE-3  | HRS GE-3         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 76                                              | HRS GE-4  | HRS GE-4         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 77                                              | HRS GE-5  | HRS GE-5         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 78                                              | HRS GE-6  | HRS GE-6         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 79                                              | HRS GE-7  | HRS GE-7         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 80                                              | HRS GE-8  | HRS GE-8         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 81                                              | HRS GE-9  | HRS GE-9         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 82                                              | HRS GE-10 | HRS GE-10        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 83                                              | HRS GE-11 | HRS GE-11        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 84                                              | HRS GE-12 | HRS GE-12        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 85                                              | HRSGE-13 | HRSGE-13         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 86                                              | HRSGE-14 | HRSGE-14         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 87                                              | HRSGE-15 | HRSGE-15         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 88                                              | HRSGE-16 | HRSGE-16         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 89                                              | HRSGE-17 | HRSGE-17         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 90                                              | HRSGE-18 | HRSGE-18         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 91                                              | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.10                               | NA                               | NA                               | NA                                                      | 0.10                             |
| 92                                              | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.10                               | NA                               | NA                               | NA                                                      | 0.10                             |
| 93                                              | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 94                                              | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 95                                              | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 96                                              | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 97                                              | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 98                                              | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 99                                              | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 0.77                               | NA                               | NA                               | NA                                                      | 0.77                             |
| 100                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 0.77                               | NA                               | NA                               | NA                                                      | 0.77                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 101                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>2,140.86</b>                  |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |         |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|---------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |         |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN     | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | CT-1    | CT-1             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 2                                               | CT-2    | CT-2             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 3                                               | CT-3    | CT-3             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 4                                               | CT-4    | CT-4             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 5                                               | CT-5    | CT-5             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 6                                               | CT-6    | CT-6             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 7                                               | CT-7    | CT-7             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 8                                               | CT-8    | CT-8             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 9                                               | CT-9    | CT-9             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 10                                              | CT-10   | CT-10            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 11                                              | CT-11   | CT-11            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 12                                              | CT-12   | CT-12            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 13                                              | CT-13   | CT-13            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 14                                              | CT-14   | CT-14            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 15                                              | CT-15   | CT-15            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 16                                              | HRSGA-1 | HRSGA-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 17                                              | HRSGA-2 | HRSGA-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 18                                              | HRSGA-3 | HRSGA-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 19                                              | HRSGA-4 | HRSGA-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 20                                              | HRSGA-5 | HRSGA-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 21                                              | HRSGA-6 | HRSGA-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |           |                |            |
|--------------------------------|-----------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b> | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 23                                                      | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 24                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 25                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 26                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 27                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 28                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 29                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 30                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 31                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 32                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 33                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 34                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 35                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 36                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 37                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 38                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 39                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 40                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 41                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 42                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 44                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 45                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 46                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 47                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 48                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 49                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 50                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 51                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 52                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 53                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 54                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 55                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 56                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 57                                              | HRSGC-6  | HRSGC-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 58                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 59                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 60                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 61                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 62                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 63                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 64                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 65                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 66                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 67                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 68                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 69                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 70                                              | HRSGD-1  | HRSGD-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 71                                              | HRSGD-2  | HRSGD-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 72                                              | HRSGD-3  | HRSGD-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 73                                              | HRSGD-4  | HRSGD-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 74                                              | HRSGD-5  | HRSGD-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 75                                              | HRSGD-6  | HRSGD-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 76                                              | HRSGD-7  | HRSGD-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 77                                              | HRSGD-8  | HRSGD-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 78                                              | HRSGD-9  | HRSGD-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 79                                              | HRSGD-10 | HRSGD-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 80                                              | HRSGD-11 | HRSGD-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 81                                              | HRSGD-12 | HRSGD-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 82                                              | HRSGD-13 | HRSGD-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 83                                              | HRSGD-14 | HRSGD-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 84                                              | HRSGD-15 | HRSGD-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 85                                              | HRS GD-16 | HRS GD-16        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 86                                              | HRS GD-17 | HRS GD-17        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 87                                              | HRS GD-18 | HRS GD-18        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 88                                              | HRS GE-1  | HRS GE-1         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 89                                              | HRS GE-2  | HRS GE-2         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 90                                              | HRS GE-3  | HRS GE-3         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 91                                              | HRS GE-4  | HRS GE-4         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 92                                              | HRS GE-5  | HRS GE-5         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 93                                              | HRS GE-6  | HRS GE-6         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 94                                              | HRS GE-7  | HRS GE-7         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 95                                              | HRS GE-8  | HRS GE-8         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 96                                              | HRS GE-9  | HRS GE-9         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 97                                              | HRS GE-10 | HRS GE-10        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 98                                              | HRS GE-11 | HRS GE-11        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 99                                              | HRS GE-12 | HRS GE-12        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 100                                             | HRS GE-13 | HRS GE-13        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 101                                             | HRS GE-14 | HRS GE-14        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 102                                             | HRS GE-15 | HRS GE-15        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 103                                             | HRS GE-16 | HRS GE-16        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 104                                             | HRS GE-17 | HRS GE-17        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 105                                             | HRS GE-18 | HRS GE-18        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 106                                             | LOV1  | LOV1             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 107                                             | LOV2  | LOV2             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 108                                             | LOV3  | LOV3             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 109                                             | LOV4  | LOV4             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 110                                             | LOV5  | LOV5             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 111                                             | LOV6  | LOV6             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 112                                             | LOV7  | LOV7             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 113                                             | LOV8  | LOV8             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 114                                             | LOV9  | LOV9             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 115                                             | LOV10 | LOV10            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 116                                             | LOV11 | LOV11            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 117                                             | LOV12 | LOV12            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 118                                             | LOV13 | LOV13            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 119                                             | LOV14 | LOV14            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 120                                             | LOV15 | LOV15            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 121                                             | LOV16 | LOV16            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 122                                             | LOV17 | LOV17            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 123                                             | LOV18 | LOV18            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 124                                             | LOV19 | LOV19            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 125                                             | LOV20 | LOV20            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 126                                             | LOV21 | LOV21            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 127                                             | LOV22 | LOV22            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 128                                             | LOV23 | LOV23            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 129                                             | LOV24 | LOV24            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 130                                             | LOV25 | LOV25            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 131                                             | LOV26 | LOV26            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 132                                             | LOV27 | LOV27            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 133                                             | LOV28 | LOV28            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 134                                             | LOV29 | LOV29            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 135                                             | LOV30 | LOV30            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 136                                             | LOV31 | LOV31            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 137                                             | LOV32 | LOV32            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 138                                             | LOV33 | LOV33            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 139                                             | LOV34 | LOV34            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 140                                             | LOV35 | LOV35            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 141                                             | LOV36 | LOV36            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 142                                             | LOV37 | LOV37            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 143                                             | LOV38 | LOV38            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 144                                             | LOV39 | LOV39            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 145                                             | LOV40 | LOV40            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 146                                             | LOV41 | LOV41            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 147                                             | LOV42 | LOV42            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 148                                             | LOV43 | LOV43            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 149                                             | LOV44 | LOV44            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 150                                             | LOV45 | LOV45            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 151                                             | LOV46 | LOV46            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 152                                             | LOV47 | LOV47            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 153                                             | LOV48 | LOV48            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 154                                             | LOV49 | LOV49            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 155                                             | LOV50 | LOV50            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 156                                             | LOV51 | LOV51            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 157                                             | LOV52 | LOV52            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 158                                             | LOV53 | LOV53            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 159                                             | LOV54 | LOV54            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 160                                             | LOV55 | LOV55            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 161                                             | LOV56 | LOV56            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 162                                             | LOV57 | LOV57            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 163                                             | LOV58 | LOV58            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 164                                             | LOV59 | LOV59            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 165                                             | LOV60 | LOV60            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 166                                             | LOV61 | LOV61            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 167                                             | LOV62 | LOV62            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 168                                             | LOV63 | LOV63            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 169                                             | LOV64 | LOV64            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 170                                             | LOV65 | LOV65            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 171                                             | LOV66 | LOV66            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 172                                             | LOV67 | LOV67            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 173                                             | LOV68 | LOV68            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 174                                             | LOV69 | LOV69            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 175                                             | LOV70 | LOV70            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 176                                             | LOV71 | LOV71            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 177                                             | LOV72 | LOV72            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 178                                             | LOV73 | LOV73            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 179                                             | LOV74 | LOV74            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 180                                             | LOV75 | LOV75            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 181                                             | LOV76 | LOV76            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 182                                             | LOV77 | LOV77            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 183                                             | LOV78 | LOV78            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 184                                             | LOV79 | LOV79            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 185                                             | LOV80 | LOV80            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 186                                             | LOV81 | LOV81            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 187                                             | LOV82 | LOV82            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 188                                             | LOV83 | LOV83            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 189                                             | LOV84 | LOV84            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 190                                             | LOV85    | LOV85            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 191                                             | LOV86    | LOV86            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 192                                             | LOV87    | LOV87            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 193                                             | LOV88    | LOV88            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 194                                             | LOV89    | LOV89            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 195                                             | LOV90    | LOV90            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 196                                             | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 197                                             | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 198                                             | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 199                                             | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 200                                             | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 201                                             | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 202                                             | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 203                                             | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 204                                             | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 0.04                               | NA                               | NA                               | NA                                                      | 0.04                             |
| 205                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 0.04                               | NA                               | NA                               | NA                                                      | 0.04                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 206                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>1,075.12</b>                  |

|                                           |
|-------------------------------------------|
| <b>Explanation (Table 2F Supplement):</b> |
|-------------------------------------------|

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |      |                |     |
|--------------------------------|------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM10 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA   | <b>to</b>      | NA  |

|                                                 |         |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|---------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |         |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN     | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | CT-1    | CT-1             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 2                                               | CT-2    | CT-2             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 3                                               | CT-3    | CT-3             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 4                                               | CT-4    | CT-4             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 5                                               | CT-5    | CT-5             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 6                                               | CT-6    | CT-6             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 7                                               | CT-7    | CT-7             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 8                                               | CT-8    | CT-8             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 9                                               | CT-9    | CT-9             | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 10                                              | CT-10   | CT-10            | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 11                                              | CT-11   | CT-11            | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 12                                              | CT-12   | CT-12            | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 13                                              | CT-13   | CT-13            | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 14                                              | CT-14   | CT-14            | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 15                                              | CT-15   | CT-15            | TBD           | NA                               | NA                                 | 3.29                               | NA                               | NA                               | NA                                                      | 3.29                             |
| 16                                              | HRSGA-1 | HRSGA-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 17                                              | HRSGA-2 | HRSGA-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 18                                              | HRSGA-3 | HRSGA-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 19                                              | HRSGA-4 | HRSGA-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 20                                              | HRSGA-5 | HRSGA-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 21                                              | HRSGA-6 | HRSGA-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F**  
**PROJECT EMISSION INCREASE**

|                                |      |                |     |
|--------------------------------|------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM10 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA   | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 23                                              | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 24                                              | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 25                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 26                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 27                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 28                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 29                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 30                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 31                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 32                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 33                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 34                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 35                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 36                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 37                                              | HRSGB-4  | HRSGB-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 38                                              | HRSGB-5  | HRSGB-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 39                                              | HRSGB-6  | HRSGB-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 40                                              | HRSGB-7  | HRSGB-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 41                                              | HRSGB-8  | HRSGB-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 42                                              | HRSGB-9  | HRSGB-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 43                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 44                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 45                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 46                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 47                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 48                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 49                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 50                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 51                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 52                                                      | HRSGC-1    | HRSGC-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 53                                                      | HRSGC-2    | HRSGC-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 54                                                      | HRSGC-3    | HRSGC-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 55                                                      | HRSGC-4    | HRSGC-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 56                                                      | HRSGC-5    | HRSGC-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 57                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 58                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 59                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 60                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 61                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 62                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 63                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 65                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 66                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 67                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 68                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 69                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 70                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 71                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 72                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 73                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 74                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 75                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 76                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 77                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 78                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 79                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 80                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 81                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 82                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 83                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 84                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 85                                                      | HRS GD-16  | HRS GD-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 86                                                      | HRS GD-17  | HRS GD-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 87                                                      | HRS GD-18  | HRS GD-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 88                                                      | HRS GE-1   | HRS GE-1                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 89                                                      | HRS GE-2   | HRS GE-2                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 90                                                      | HRS GE-3   | HRS GE-3                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 91                                                      | HRS GE-4   | HRS GE-4                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 92                                                      | HRS GE-5   | HRS GE-5                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 93                                                      | HRS GE-6   | HRS GE-6                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 94                                                      | HRS GE-7   | HRS GE-7                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 95                                                      | HRS GE-8   | HRS GE-8                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 96                                                      | HRS GE-9   | HRS GE-9                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 97                                                      | HRS GE-10  | HRS GE-10               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 98                                                      | HRS GE-11  | HRS GE-11               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 99                                                      | HRS GE-12  | HRS GE-12               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 100                                                     | HRS GE-13  | HRS GE-13               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 101                                                     | HRS GE-14  | HRS GE-14               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 102                                                     | HRS GE-15  | HRS GE-15               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 103                                                     | HRS GE-16  | HRS GE-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 104                                                     | HRS GE-17  | HRS GE-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 105                                                     | HRS GE-18  | HRS GE-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 106                                                     | LOV1       | LOV1                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 107                                                     | LOV2       | LOV2                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 108                                                     | LOV3       | LOV3                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 109                                                     | LOV4       | LOV4                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 110                                                     | LOV5       | LOV5                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 111                                                     | LOV6       | LOV6                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 112                                                     | LOV7       | LOV7                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 113                                                     | LOV8       | LOV8                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 114                                                     | LOV9       | LOV9                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 115                                                     | LOV10      | LOV10                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 116                                                     | LOV11      | LOV11                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 117                                                     | LOV12      | LOV12                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 118                                                     | LOV13      | LOV13                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 119                                                     | LOV14      | LOV14                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 120                                                     | LOV15      | LOV15                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 121                                                     | LOV16      | LOV16                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 122                                                     | LOV17      | LOV17                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 123                                                     | LOV18      | LOV18                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 124                                                     | LOV19      | LOV19                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 125                                                     | LOV20      | LOV20                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 126                                                     | LOV21      | LOV21                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 127                                                     | LOV22      | LOV22                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 128                                                     | LOV23      | LOV23                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 129                                                     | LOV24      | LOV24                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 130                                                     | LOV25      | LOV25                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 131                                                     | LOV26      | LOV26                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 132                                                     | LOV27      | LOV27                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 133                                                     | LOV28      | LOV28                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 134                                                     | LOV29      | LOV29                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 135                                                     | LOV30      | LOV30                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 136                                                     | LOV31      | LOV31                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 137                                                     | LOV32      | LOV32                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 138                                                     | LOV33      | LOV33                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 139                                                     | LOV34      | LOV34                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 140                                                     | LOV35      | LOV35                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 141                                                     | LOV36      | LOV36                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 142                                                     | LOV37      | LOV37                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 143                                                     | LOV38      | LOV38                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 144                                                     | LOV39      | LOV39                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 145                                                     | LOV40      | LOV40                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 146                                                     | LOV41      | LOV41                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 147                                                     | LOV42      | LOV42                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 148                                                     | LOV43      | LOV43                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 149                                                     | LOV44      | LOV44                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 150                                                     | LOV45      | LOV45                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 151                                                     | LOV46      | LOV46                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 152                                                     | LOV47      | LOV47                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 153                                                     | LOV48      | LOV48                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 154                                                     | LOV49      | LOV49                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 155                                                     | LOV50      | LOV50                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 156                                                     | LOV51      | LOV51                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 157                                                     | LOV52      | LOV52                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 158                                                     | LOV53      | LOV53                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 159                                                     | LOV54      | LOV54                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 160                                                     | LOV55      | LOV55                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 161                                                     | LOV56      | LOV56                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 162                                                     | LOV57      | LOV57                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 163                                                     | LOV58      | LOV58                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 164                                                     | LOV59      | LOV59                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 165                                                     | LOV60      | LOV60                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 166                                                     | LOV61      | LOV61                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 167                                                     | LOV62      | LOV62                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 168                                                     | LOV63      | LOV63                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 169                                                     | LOV64      | LOV64                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 170                                                     | LOV65      | LOV65                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 171                                                     | LOV66      | LOV66                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 172                                                     | LOV67      | LOV67                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 173                                                     | LOV68      | LOV68                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 174                                                     | LOV69      | LOV69                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 175                                                     | LOV70      | LOV70                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 176                                                     | LOV71      | LOV71                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 177                                                     | LOV72      | LOV72                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 178                                                     | LOV73      | LOV73                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 179                                                     | LOV74      | LOV74                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 180                                                     | LOV75      | LOV75                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 181                                                     | LOV76      | LOV76                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 182                                                     | LOV77      | LOV77                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 183                                                     | LOV78      | LOV78                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 184                                                     | LOV79      | LOV79                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 185                                                     | LOV80      | LOV80                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 186                                                     | LOV81      | LOV81                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 187                                                     | LOV82      | LOV82                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 188                                                     | LOV83      | LOV83                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 189                                                     | LOV84      | LOV84                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 190                                                     | LOV85      | LOV85                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 191                                                     | LOV86      | LOV86                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 192                                                     | LOV87      | LOV87                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 193                                                     | LOV88      | LOV88                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 194                                                     | LOV89      | LOV89                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 195                                                     | LOV90      | LOV90                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 196                                                     | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                             | 0.01                                     |
| 197                                                     | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                             | 0.01                                     |
| 198                                                     | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 199                                                     | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 200                                                     | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 201                                                     | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 202                                                     | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 203                                                     | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 204                                                     | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 0.04                                       | NA                                        | NA                                       | NA                                                             | 0.04                                     |
| 205                                                     | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 0.04                                       | NA                                        | NA                                       | NA                                                             | 0.04                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |      |                |     |
|--------------------------------|------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM10 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA   | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 206                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>1,025.80</b>                  |

|                                           |
|-------------------------------------------|
| <b>Explanation (Table 2F Supplement):</b> |
|-------------------------------------------|

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 1                                                       | CT-1       | CT-1                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 2                                                       | CT-2       | CT-2                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 3                                                       | CT-3       | CT-3                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 4                                                       | CT-4       | CT-4                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 5                                                       | CT-5       | CT-5                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 6                                                       | CT-6       | CT-6                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 7                                                       | CT-7       | CT-7                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 8                                                       | CT-8       | CT-8                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 9                                                       | CT-9       | CT-9                    | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 10                                                      | CT-10      | CT-10                   | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 11                                                      | CT-11      | CT-11                   | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 12                                                      | CT-12      | CT-12                   | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 13                                                      | CT-13      | CT-13                   | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 14                                                      | CT-14      | CT-14                   | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 15                                                      | CT-15      | CT-15                   | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 16                                                      | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 17                                                      | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 18                                                      | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 19                                                      | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 20                                                      | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 21                                                      | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |       |                |     |
|--------------------------------|-------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM2.5 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA    | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 23                                              | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 24                                              | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 25                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 26                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 27                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 28                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 29                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 30                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 31                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 32                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 33                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 34                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 35                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 36                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 37                                              | HRSGB-4  | HRSGB-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 38                                              | HRSGB-5  | HRSGB-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 39                                              | HRSGB-6  | HRSGB-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 40                                              | HRSGB-7  | HRSGB-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 41                                              | HRSGB-8  | HRSGB-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 42                                              | HRSGB-9  | HRSGB-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F**  
**PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accomodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------|----------------------------------|
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                        |                                  |
| 43                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 44                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 45                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 46                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 47                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 48                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 49                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 50                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 51                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 52                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 53                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 54                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 55                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 56                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 57                                              | HRSGC-6  | HRSGC-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 58                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 59                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 60                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 61                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 62                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 63                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 65                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 66                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 67                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 68                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 69                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 70                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 71                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 72                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 73                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 74                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 75                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 76                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 77                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 78                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 79                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 80                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 81                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 82                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 83                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 84                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 85                                                      | HRS GD-16  | HRS GD-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 86                                                      | HRS GD-17  | HRS GD-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 87                                                      | HRS GD-18  | HRS GD-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 88                                                      | HRS GE-1   | HRS GE-1                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 89                                                      | HRS GE-2   | HRS GE-2                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 90                                                      | HRS GE-3   | HRS GE-3                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 91                                                      | HRS GE-4   | HRS GE-4                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 92                                                      | HRS GE-5   | HRS GE-5                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 93                                                      | HRS GE-6   | HRS GE-6                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 94                                                      | HRS GE-7   | HRS GE-7                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 95                                                      | HRS GE-8   | HRS GE-8                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 96                                                      | HRS GE-9   | HRS GE-9                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 97                                                      | HRS GE-10  | HRS GE-10               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 98                                                      | HRS GE-11  | HRS GE-11               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 99                                                      | HRS GE-12  | HRS GE-12               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 100                                                     | HRS GE-13  | HRS GE-13               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 101                                                     | HRS GE-14  | HRS GE-14               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 102                                                     | HRS GE-15  | HRS GE-15               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 103                                                     | HRS GE-16  | HRS GE-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 104                                                     | HRS GE-17  | HRS GE-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 105                                                     | HRS GE-18  | HRS GE-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 106                                                     | LOV1       | LOV1                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 107                                                     | LOV2       | LOV2                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 108                                                     | LOV3       | LOV3                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 109                                                     | LOV4       | LOV4                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 110                                                     | LOV5       | LOV5                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 111                                                     | LOV6       | LOV6                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 112                                                     | LOV7       | LOV7                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 113                                                     | LOV8       | LOV8                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 114                                                     | LOV9       | LOV9                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 115                                                     | LOV10      | LOV10                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 116                                                     | LOV11      | LOV11                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 117                                                     | LOV12      | LOV12                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 118                                                     | LOV13      | LOV13                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 119                                                     | LOV14      | LOV14                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 120                                                     | LOV15      | LOV15                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 121                                                     | LOV16      | LOV16                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 122                                                     | LOV17      | LOV17                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 123                                                     | LOV18      | LOV18                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 124                                                     | LOV19      | LOV19                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 125                                                     | LOV20      | LOV20                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 126                                                     | LOV21      | LOV21                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 127                                                     | LOV22      | LOV22                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 128                                                     | LOV23      | LOV23                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 129                                                     | LOV24      | LOV24                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 130                                                     | LOV25      | LOV25                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 131                                                     | LOV26      | LOV26                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 132                                                     | LOV27      | LOV27                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 133                                                     | LOV28      | LOV28                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 134                                                     | LOV29      | LOV29                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 135                                                     | LOV30      | LOV30                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 136                                                     | LOV31      | LOV31                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 137                                                     | LOV32      | LOV32                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 138                                                     | LOV33      | LOV33                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 139                                                     | LOV34      | LOV34                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 140                                                     | LOV35      | LOV35                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 141                                                     | LOV36      | LOV36                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 142                                                     | LOV37      | LOV37                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 143                                                     | LOV38      | LOV38                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 144                                                     | LOV39      | LOV39                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 145                                                     | LOV40      | LOV40                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 146                                                     | LOV41      | LOV41                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 147                                                     | LOV42      | LOV42                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 148                                                     | LOV43      | LOV43                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 149                                                     | LOV44      | LOV44                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 150                                                     | LOV45      | LOV45                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 151                                                     | LOV46      | LOV46                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 152                                                     | LOV47      | LOV47                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 153                                                     | LOV48      | LOV48                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 154                                                     | LOV49      | LOV49                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 155                                                     | LOV50      | LOV50                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 156                                                     | LOV51      | LOV51                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 157                                                     | LOV52      | LOV52                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 158                                                     | LOV53      | LOV53                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 159                                                     | LOV54      | LOV54                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 160                                                     | LOV55      | LOV55                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 161                                                     | LOV56      | LOV56                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 162                                                     | LOV57      | LOV57                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 163                                                     | LOV58      | LOV58                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 164                                                     | LOV59      | LOV59                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 165                                                     | LOV60      | LOV60                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 166                                                     | LOV61      | LOV61                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 167                                                     | LOV62      | LOV62                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 168                                                     | LOV63      | LOV63                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 169                                                     | LOV64      | LOV64                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 170                                                     | LOV65      | LOV65                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 171                                                     | LOV66      | LOV66                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 172                                                     | LOV67      | LOV67                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 173                                                     | LOV68      | LOV68                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 174                                                     | LOV69      | LOV69                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 175                                                     | LOV70      | LOV70                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 176                                                     | LOV71      | LOV71                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 177                                                     | LOV72      | LOV72                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 178                                                     | LOV73      | LOV73                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 179                                                     | LOV74      | LOV74                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 180                                                     | LOV75      | LOV75                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 181                                                     | LOV76      | LOV76                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 182                                                     | LOV77      | LOV77                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 183                                                     | LOV78      | LOV78                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 184                                                     | LOV79      | LOV79                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 185                                                     | LOV80      | LOV80                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 186                                                     | LOV81      | LOV81                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 187                                                     | LOV82      | LOV82                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 188                                                     | LOV83      | LOV83                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 189                                                     | LOV84      | LOV84                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 190                                                     | LOV85      | LOV85                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 191                                                     | LOV86      | LOV86                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 192                                                     | LOV87      | LOV87                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 193                                                     | LOV88      | LOV88                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 194                                                     | LOV89      | LOV89                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 195                                                     | LOV90      | LOV90                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 196                                                     | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 197                                                     | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                               | 0.01                                     |
| 198                                                     | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                               | 0.07                                     |
| 199                                                     | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                               | 0.07                                     |
| 200                                                     | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                               | 0.07                                     |
| 201                                                     | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                               | 0.07                                     |
| 202                                                     | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                               | 0.07                                     |
| 203                                                     | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                               | 0.07                                     |
| 204                                                     | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 0.04                                       | NA                                        | NA                                       | NA                                                               | 0.04                                     |
| 205                                                     | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 0.04                                       | NA                                        | NA                                       | NA                                                               | 0.04                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |       |                |     |
|--------------------------------|-------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM2.5 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA    | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 206                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>976.69</b>                    |

|                                           |
|-------------------------------------------|
| <b>Explanation (Table 2F Supplement):</b> |
|-------------------------------------------|

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 1                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 2                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 3                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 4                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 5                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 6                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 7                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 8                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 9                                                       | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 10                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 11                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 12                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 13                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 14                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 15                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 16                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 17                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 18                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 19                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 20                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 21                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSG-B-4   | HRSG-B-4                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 23                                                      | HRSG-B-5   | HRSG-B-5                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 24                                                      | HRSG-B-6   | HRSG-B-6                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 25                                                      | HRSG-B-7   | HRSG-B-7                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 26                                                      | HRSG-B-8   | HRSG-B-8                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 27                                                      | HRSG-B-9   | HRSG-B-9                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 28                                                      | HRSG-B-10  | HRSG-B-10               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 29                                                      | HRSG-B-11  | HRSG-B-11               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 30                                                      | HRSG-B-12  | HRSG-B-12               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 31                                                      | HRSG-B-13  | HRSG-B-13               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 32                                                      | HRSG-B-14  | HRSG-B-14               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 33                                                      | HRSG-B-15  | HRSG-B-15               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 34                                                      | HRSG-B-16  | HRSG-B-16               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 35                                                      | HRSG-B-17  | HRSG-B-17               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 36                                                      | HRSG-B-18  | HRSG-B-18               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 37                                                      | HRSG-C-1   | HRSG-C-1                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 38                                                      | HRSG-C-2   | HRSG-C-2                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 39                                                      | HRSG-C-3   | HRSG-C-3                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 40                                                      | HRSG-C-4   | HRSG-C-4                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 41                                                      | HRSG-C-5   | HRSG-C-5                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 42                                                      | HRSG-C-6   | HRSG-C-6                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                 |          |                  | <b>A</b>      |                                  | <b>B</b>                           |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 44                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 45                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 46                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 47                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 48                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 49                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 50                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 51                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 52                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 53                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 54                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 55                                              | HRSGD-1  | HRSGD-1          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 56                                              | HRSGD-2  | HRSGD-2          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 57                                              | HRSGD-3  | HRSGD-3          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 58                                              | HRSGD-4  | HRSGD-4          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 59                                              | HRSGD-5  | HRSGD-5          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 60                                              | HRSGD-6  | HRSGD-6          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 61                                              | HRSGD-7  | HRSGD-7          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 62                                              | HRSGD-8  | HRSGD-8          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 63                                              | HRSGD-9  | HRSGD-9          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                 |          |                  | <b>A</b>      |                                  | <b>B</b>                           |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 64                                              | HRSGD-10 | HRSGD-10         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 65                                              | HRSGD-11 | HRSGD-11         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 66                                              | HRSGD-12 | HRSGD-12         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 67                                              | HRSGD-13 | HRSGD-13         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 68                                              | HRSGD-14 | HRSGD-14         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 69                                              | HRSGD-15 | HRSGD-15         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 70                                              | HRSGD-16 | HRSGD-16         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 71                                              | HRSGD-17 | HRSGD-17         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 72                                              | HRSGD-18 | HRSGD-18         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 73                                              | HRSGE-1  | HRSGE-1          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 74                                              | HRSGE-2  | HRSGE-2          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 75                                              | HRSGE-3  | HRSGE-3          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 76                                              | HRSGE-4  | HRSGE-4          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 77                                              | HRSGE-5  | HRSGE-5          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 78                                              | HRSGE-6  | HRSGE-6          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 79                                              | HRSGE-7  | HRSGE-7          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 80                                              | HRSGE-8  | HRSGE-8          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 81                                              | HRSGE-9  | HRSGE-9          | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 82                                              | HRSGE-10 | HRSGE-10         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 83                                              | HRSGE-11 | HRSGE-11         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |
| 84                                              | HRSGE-12 | HRSGE-12         | TBD           | NA                               | NA                                 | 3.14                               | NA                               | NA                               | NA                                                      | 3.14                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 85                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 86                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 87                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 88                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 89                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 90                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 91                                                      | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 92                                                      | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 93                                                      | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 94                                                      | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 95                                                      | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 96                                                      | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 97                                                      | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 98                                                      | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 99                                                      | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| <b>100</b>                                              | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                               | 0.00                                     |
| <b>Summary of Contemporaneous Changes</b>               |            |                         |                       |                                          |                                            |                                            |                                           | <b>Total</b>                             | <b>NA</b>                                                        | <b>282.28</b>                            |

**Explanation (Table 2F Supplement):**

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 1                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 2                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 3                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 4                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 5                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 6                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 7                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 8                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 9                                                       | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 10                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 11                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 12                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 13                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 14                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 15                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 16                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 17                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 18                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 19                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 20                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 21                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 23                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 24                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 25                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 26                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 27                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 28                                                      | HRSGB-10   | HRSGB-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 29                                                      | HRSGB-11   | HRSGB-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 30                                                      | HRSGB-12   | HRSGB-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 31                                                      | HRSGB-13   | HRSGB-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 32                                                      | HRSGB-14   | HRSGB-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 33                                                      | HRSGB-15   | HRSGB-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 34                                                      | HRSGB-16   | HRSGB-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 35                                                      | HRSGB-17   | HRSGB-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 36                                                      | HRSGB-18   | HRSGB-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 37                                                      | HRSGC-1    | HRSGC-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 38                                                      | HRSGC-2    | HRSGC-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 39                                                      | HRSGC-3    | HRSGC-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 40                                                      | HRSGC-4    | HRSGC-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 41                                                      | HRSGC-5    | HRSGC-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 42                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 43                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 44                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 45                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 46                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 47                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 48                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 49                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 50                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 51                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 52                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 53                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 54                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 55                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 56                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 57                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 58                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 59                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 60                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 61                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 62                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 63                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 65                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 66                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 67                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 68                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 69                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 70                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 71                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 72                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 73                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 74                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 75                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 76                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 77                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 78                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 79                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 80                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 81                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 82                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 83                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 84                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| <b>85</b>                                               | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>86</b>                                               | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>87</b>                                               | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>88</b>                                               | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>89</b>                                               | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>90</b>                                               | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>Summary of Contemporaneous Changes</b>               |            |                         |                       |                                          |                                            |                                            |                                           | <b>Total</b>                             | <b>NA</b>                                                        | <b>43.20</b>                             |

**Explanation (Table 2F Supplement):**

Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                 |     |                |     |
|---------------------------------|-----|----------------|-----|
| <b>Pollutant</b> <sup>1</sup> : | H2S | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>         | NA  | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | NGFUG  | NGFUG            | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 2.50E-04                         |
| 2                                               | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 8.23E-05                         |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>3.32E-04</b>                  |

|                                           |
|-------------------------------------------|
| <b>Explanation (Table 2F Supplement):</b> |
|-------------------------------------------|

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 1                                                       | NGFUG      | NGFUG                   | TBD                   | NA                                       | NA                                         | 840.03                                     | NA                                        | NA                                       | NA                                                             | 840.03                                   |
| 2                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 3                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 4                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 5                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 6                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 7                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 8                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 9                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 10                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 11                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 12                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 13                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 14                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 15                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 16                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 17                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 18                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 19                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 20                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 21                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 23                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 24                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 25                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 26                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 27                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 28                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 29                                                      | HRSGB-10   | HRSGB-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 30                                                      | HRSGB-11   | HRSGB-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 31                                                      | HRSGB-12   | HRSGB-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 32                                                      | HRSGB-13   | HRSGB-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 33                                                      | HRSGB-14   | HRSGB-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 34                                                      | HRSGB-15   | HRSGB-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 35                                                      | HRSGB-16   | HRSGB-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 36                                                      | HRSGB-17   | HRSGB-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 37                                                      | HRSGB-18   | HRSGB-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 38                                                      | HRSGC-1    | HRSGC-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 39                                                      | HRSGC-2    | HRSGC-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 40                                                      | HRSGC-3    | HRSGC-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 41                                                      | HRSGC-4    | HRSGC-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 42                                                      | HRSGC-5    | HRSGC-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 43                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 44                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 45                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 46                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 47                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 48                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 49                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 50                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 51                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 52                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 53                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 54                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 55                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 56                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 57                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 58                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 59                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 60                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 61                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 62                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 63                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 64                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 65                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 66                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 67                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 68                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 69                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 70                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 71                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 72                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 73                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 74                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 75                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 76                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 77                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 78                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 79                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 80                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 81                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 82                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 83                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 84                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 85                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 86                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 87                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 88                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 89                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 90                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 91                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 92                                                      | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 20.04                                      | NA                                        | NA                                       | NA                                                             | 20.04                                    |
| 93                                                      | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 20.04                                      | NA                                        | NA                                       | NA                                                             | 20.04                                    |
| 94                                                      | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 257.65                                     | NA                                        | NA                                       | NA                                                             | 257.65                                   |
| 95                                                      | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 257.65                                     | NA                                        | NA                                       | NA                                                             | 257.65                                   |
| 96                                                      | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 257.65                                     | NA                                        | NA                                       | NA                                                             | 257.65                                   |
| 97                                                      | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 257.65                                     | NA                                        | NA                                       | NA                                                             | 257.65                                   |
| 98                                                      | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 257.65                                     | NA                                        | NA                                       | NA                                                             | 257.65                                   |
| 99                                                      | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 257.65                                     | NA                                        | NA                                       | NA                                                             | 257.65                                   |
| 100                                                     | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 114.51                                     | NA                                        | NA                                       | NA                                                             | 114.51                                   |
| 101                                                     | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 114.51                                     | NA                                        | NA                                       | NA                                                             | 114.51                                   |
| 102                                                     | MSSFUG     | MSSFUG                  | TBD                   | NA                                       | NA                                         | 304.86                                     | NA                                        | NA                                       | NA                                                             | 304.86                                   |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| <b>103</b>                                              | FUG-SF6    | FUG-SF6                 | TBD                   | NA                                       | NA                                         | 19093.75                                   | NA                                        | NA                                       | NA                                                               | 19093.75                                 |
| <b>Summary of Contemporaneous Changes</b>               |            |                         |                       |                                          |                                            |                                            |                                           | <b>Total</b>                             | <b>NA</b>                                                        | <b>23,584,211.38</b>                     |

**Explanation (Table 2F Supplement):**

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



Summary Sheet

This worksheet displays the total emission rates for all tabs. It should be reviewed after completing the necessary number of calculation tabs.

Emissions from compounds considered inert or not considered contaminants are set to zero.

| Calculation Sheet Name | EPN    | Total Emission Rate (hourly lbs/hr)<br>(excluding GHG / Inert / Not a Contaminant) | Total Emission Rate (annual, tpy)<br>(excluding GHG / Inert / Not a Contaminant) | Total VOC Emission Rate (hourly, lbs/hr) | Total VOC Emission Rate (annual, tpy) | Total Inorganic Emission Rate (hourly, lbs/hr) | Total Inorganic Emission Rate (annual, tpy) | Total Exempt Solvent Emission Rate (hourly, lbs/hr) | Total Exempt Solvent Emission Rate (annual, tpy) | Total GHG Emission Rate (tpy, mass basis) | Total GHG Emission Rate (tpy, CO <sub>2</sub> e) |
|------------------------|--------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------|---------------------------------------|------------------------------------------------|---------------------------------------------|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------|--------------------------------------------------|
| Fug (1)                | NH3FUG | 0.02                                                                               | 0.09                                                                             | 0.00                                     | 0.00                                  | 0.02                                           | 0.09                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (2)                | NGFUG  | 0.01                                                                               | 0.03                                                                             | 0.01                                     | 0.03                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 30.15                                     | 840.01                                           |
| Fug (3)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (4)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (5)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (6)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (7)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (8)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (9)                | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (10)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (11)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (12)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (13)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (14)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (15)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (16)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (17)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (18)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (19)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (20)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (21)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (22)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (23)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (24)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Fug (25)               | 0      | 0.00                                                                               | 0.00                                                                             | 0.00                                     | 0.00                                  | 0.00                                           | 0.00                                        | 0.00                                                | 0.00                                             | 0.00                                      | 0.00                                             |
| Total                  |        | 0.03                                                                               | 0.12                                                                             | 0.01                                     | 0.03                                  | 0.02                                           | 0.09                                        | 0.00                                                | 0.00                                             | 30.15                                     | 840.01                                           |



|                                                                                                                                                                                                                                                                                                                                                |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| I. General Information                                                                                                                                                                                                                                                                                                                         |                               |
| Company name                                                                                                                                                                                                                                                                                                                                   | Fermi Equipment Holdco LLC    |
| Permit number                                                                                                                                                                                                                                                                                                                                  | TBD                           |
| Source name                                                                                                                                                                                                                                                                                                                                    | SCR Delivery System Fugitives |
| Emission Point Number (EPN)                                                                                                                                                                                                                                                                                                                    | NH3FUG                        |
| Preparation date                                                                                                                                                                                                                                                                                                                               | 8/1/2025                      |
| I acknowledge that I am submitting an authorized TCEQ application workbook and any necessary attachments. Except for inputting the requested data and adjusting row height and column width, I have not changed the TCEQ application workbook in any way, including but not limited to changing formulas, formatting, content, or protections. | Yes                           |

|                                                                  |                    |
|------------------------------------------------------------------|--------------------|
| II. Industry, Pollutant Type and Emission Factors                |                    |
| Industry Type (select one before continuing, do not leave blank) | SOCMI w/o Ethylene |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| III. Control Efficiencies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| Instrument Monitoring LDAR Program (select one, do not leave blank, select None if not applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | None  |
| Connector Monitoring LDAR Program (select one, do not leave blank, select None if not applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | None  |
| Physical Inspection LDAR Program (select one, do not leave blank, select None if not applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28AVO |
| Are your facilities subject to fugitive emission monitoring under 30 TAC §§115.324(1)(C) and 354(1)(A) or are you applying reduction credit for process drains?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No    |
| If yes, please select the appropriate control efficiency:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| If yes, provide justification for the selected reduction credit. Note: Facilities subject to fugitive emission monitoring under 30 TAC §§115.324(1)(C) and 354(1)(A) are required to monitor process drains on an annual basis. A 75% reduction credit may be applied for annual monitoring of process drains at a leak threshold of 500 ppmv provided the drain is designed in such a manner that repairs to leaking drains can be achieved. For example, flushing a water seal on a leaking process drain would constitute repair, so a 75% reduction credit may be applied. Similarly, a 95% reduction credit can be applied for quarterly monitoring of drains if repairs to the leaking drains can be completed. |       |



[illegible]



| <b>V. Emission Rates - Unique Components</b>                                    |                |              |                                 |                                    |                         |                       |
|---------------------------------------------------------------------------------|----------------|--------------|---------------------------------|------------------------------------|-------------------------|-----------------------|
| Are you proposing any components not included in Section IV above?              |                | No           |                                 |                                    |                         |                       |
| If yes, provide justification for the factors used for these unique components. |                |              |                                 |                                    |                         |                       |
| <b>Component</b>                                                                | <b>Service</b> | <b>Count</b> | <b>Proposed Emission Factor</b> | <b>Proposed Control Efficiency</b> | <b>Controlled lb/hr</b> | <b>Controlled tpy</b> |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
| Total Component Count, Total Emission Rate (lbs/hr and tpy)                     |                | 0            |                                 |                                    | 0.00                    | 0.00                  |



[illegible]



| VII. Speciation (GHG)                                                |                           |                                |                |                                     |                                                  |
|----------------------------------------------------------------------|---------------------------|--------------------------------|----------------|-------------------------------------|--------------------------------------------------|
| CAS #                                                                | Chemical Constituent Name | Global Warming Potential (GWP) | Weight Percent | Mass Emissions (U.S. tons per year) | CO <sub>2</sub> e Emissions (U.S. tons per year) |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
| Total GHG Emissions (Mass Basis and Carbon dioxide-equivalent Basis) |                           |                                |                | 0                                   | 0                                                |



| VIII - Emission Summary for Worksheet (excludes Inert / Not a Contaminant) |      |
|----------------------------------------------------------------------------|------|
| Total Emissions (excludes GHG / Inert / Not a Contaminant) (lbs/hr)        | 0.02 |
| Total Emissions (excludes GHG / Inert / Not a Contaminant) (tpy)           | 0.09 |
| Total Hourly VOC Emissions (lbs/hr)                                        | 0.00 |
| Total Annual VOC Emissions (tpy)                                           | 0.00 |
| Total Hourly Inorganic Emissions (lbs/hr)                                  | 0.02 |
| Total Annual Inorganic Emissions (tpy)                                     | 0.09 |
| Total Hourly Exempt Solvent Emissions (lbs/hr)                             | 0.00 |
| Total Annual Exempt Solvent Emissions (tpy)                                | 0.00 |
| Total GHG TPY (mass basis)                                                 | 0.00 |
| Total GHG TPY (CO <sub>2</sub> e)                                          | 0.00 |



|                                                                                                                                                                                                                                                                                                                                                |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| I. General Information                                                                                                                                                                                                                                                                                                                         |                              |
| Company name                                                                                                                                                                                                                                                                                                                                   | Fermi Equipment Holdco LLC   |
| Permit number                                                                                                                                                                                                                                                                                                                                  | TBD                          |
| Source name                                                                                                                                                                                                                                                                                                                                    | Natural Gas Piping Fugitives |
| Emission Point Number (EPN)                                                                                                                                                                                                                                                                                                                    | NGFUG                        |
| Preparation date                                                                                                                                                                                                                                                                                                                               | 8/1/2025                     |
| I acknowledge that I am submitting an authorized TCEQ application workbook and any necessary attachments. Except for inputting the requested data and adjusting row height and column width, I have not changed the TCEQ application workbook in any way, including but not limited to changing formulas, formatting, content, or protections. | Yes                          |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| II. Industry, Pollutant Type and Emission Factors                |                                  |
| Industry Type (select one before continuing, do not leave blank) | Oil and Gas Production Operation |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| III. Control Efficiencies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |
| Instrument Monitoring LDAR Program (select one, do not leave blank, select None if not applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | None |
| Connector Monitoring LDAR Program (select one, do not leave blank, select None if not applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | None |
| Physical Inspection LDAR Program (select one, do not leave blank, select None if not applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | None |
| Are your facilities subject to fugitive emission monitoring under 30 TAC §§115.324(1)(C) and 354(1)(A) or are you applying reduction credit for process drains?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No   |
| If yes, please select the appropriate control efficiency:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |
| If yes, provide justification for the selected reduction credit. Note: Facilities subject to fugitive emission monitoring under 30 TAC §§115.324(1)(C) and 354(1)(A) are required to monitor process drains on an annual basis. A 75% reduction credit may be applied for annual monitoring of process drains at a leak threshold of 500 ppmv provided the drain is designed in such a manner that repairs to leaking drains can be achieved. For example, flushing a water seal on a leaking process drain would constitute repair, so a 75% reduction credit may be applied. Similarly, a 95% reduction credit can be applied for quarterly monitoring of drains if repairs to the leaking drains can be completed. |      |



| IV. Emission Rates                |                        |       |                          |                                               |                                              |                                             |                  |                |
|-----------------------------------|------------------------|-------|--------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------|------------------|----------------|
| Component                         | Service                | Count | Industry Emission Factor | Instrument Monitoring LDAR Control Efficiency | Connector Monitoring LDAR Control Efficiency | Physical Inspection LDAR Control Efficiency | Controlled lb/hr | Controlled tpy |
| Valves                            | Gas                    | 500   | 0.00992                  | 0                                             | 0                                            | 0                                           | 4.96             | 21.74          |
| Valves-DTM [3]                    | Gas [3]                |       | 0.00992                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves-DTM(AM) [4]                | Gas [3] [4]            |       | 0.00992                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves                            | Heavy Oil <20" API     |       | 0.0000185                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves                            | Light Oil > 20"        |       | 0.0055                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves-DTM [3]                    | Light Oil > 20" [3][4] |       | 0.0055                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves-DTM(AM) [4]                | Light Oil > 20" [3][4] |       | 0.0055                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves                            | Water/Light Oil        |       | 0.000216                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Valves (controlled)               | All                    |       | 0                        | 1                                             | 1                                            | 0                                           | 0.00             | 0.00           |
| Pumps                             | Gas                    |       | 0.00529                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Pumps                             | Heavy Oil <20" API     |       | 0.00113                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Pumps                             | Light Oil >20"         |       | 0.02866                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Pumps                             | Water/Light Oil        |       | 0.000052                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Pumps (controlled)                | All                    |       | 0                        | 1                                             | 1                                            | 1                                           | 0.00             | 0.00           |
| Flanges                           | Gas                    | 1242  | 0.00086                  | 0                                             | 0                                            | 0                                           | 1.07             | 4.68           |
| Flanges-DTM [3]                   | Gas [3]                |       | 0.00086                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges-DTM(AM) [4]               | Gas [3] [4]            |       | 0.00086                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges                           | Heavy Oil <20" API     |       | 0.0000086                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges                           | Light Oil >20"         |       | 0.000243                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges-DTM [3]                   | Light Oil > 20" [3][4] |       | 0.000243                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges-DTM(AM) [4]               | Light Oil > 20" [3][4] |       | 0.000243                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges                           | Water/Light Oil        |       | 0.000006                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Flanges (controlled)              | All                    |       | 0                        | 1                                             | 1                                            | 1                                           | 0.00             | 0.00           |
| Compressors                       | Gas                    |       | 0.0194                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Compressors                       | Heavy Oil <20" API     |       | 0.0000683                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Compressors                       | Light Oil >20"         |       | 0.0165                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Compressors                       | Water/Light Oil        |       | 0.0309                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Compressors (controlled)          | All                    |       | 0                        | 1                                             | 1                                            | 1                                           | 0.00             | 0.00           |
| Relief Valves                     | Gas                    | 52    | 0.0194                   | 0                                             | 0                                            | 0                                           | 1.00             | 4.40           |
| Relief Valves                     | Heavy Oil <20" API     |       | 0.0000683                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Relief Valves                     | Light Oil >20"         |       | 0.0165                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Relief Valves                     | Water/Light Oil        |       | 0.0309                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Relief Valves (controlled)        | All                    |       | 0                        | 1                                             | 1                                            | 1                                           | 0.00             | 0.00           |
| Open-Ended Lines                  | Gas                    |       | 0.00441                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Open-Ended Lines                  | Heavy Oil <20" API     |       | 0.000309                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Open-Ended Lines                  | Light Oil >20"         |       | 0.00309                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Open-Ended Lines                  | Water/Light Oil        |       | 0.00055                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Open-Ended Lines (controlled)     | All                    |       | 0                        | 1                                             | 1                                            | 1                                           | 0.00             | 0.00           |
| Sampling Connections (hourly) [1] | Gas                    |       | 0.033                    | 0                                             | 0                                            | 0                                           | 0.00             | N/A            |
| Sampling Connections (hourly) [1] | Heavy Oil <20" API     |       | 0.033                    | 0                                             | 0                                            | 0                                           | 0.00             | N/A            |
| Sampling Connections (hourly) [1] | Light Oil >20"         |       | 0.033                    | 0                                             | 0                                            | 0                                           | 0.00             | N/A            |
| Sampling Connections (hourly) [1] | Water/Light Oil        |       | 0.033                    | 0                                             | 0                                            | 0                                           | 0.00             | N/A            |
| Sampling Connections (annual) [2] | Gas                    |       | 0.033                    | 0                                             | 0                                            | 0                                           | N/A              | 0.00           |
| Sampling Connections (annual) [2] | Heavy Oil <20" API     |       | 0.033                    | 0                                             | 0                                            | 0                                           | N/A              | 0.00           |
| Sampling Connections (annual) [2] | Light Oil >20"         |       | 0.033                    | 0                                             | 0                                            | 0                                           | N/A              | 0.00           |
| Sampling Connections (annual) [2] | Water/Light Oil        |       | 0.033                    | 0                                             | 0                                            | 0                                           | N/A              | 0.00           |
| Connectors                        | Gas                    |       | 0.00044                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Connectors-DTM [3]                | Gas [3]                |       | 0.00044                  | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Connectors-DTM (AM) [4]           | Gas [3] [4]            |       | 0.00044                  | 0.75                                          | 0.75                                         | 0.75                                        | 0.00             | 0.00           |
| Connectors                        | Heavy Oil <20" API     |       | 0.0000185                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Connectors                        | Light Oil >20"         |       | 0.000463                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Connectors-DTM [3]                | Light Oil > 20" [3][4] |       | 0.000463                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Connectors-DTM (AM) [4]           | Light Oil > 20" [3][4] |       | 0.000463                 | 0.75                                          | 0.75                                         | 0.75                                        | 0.00             | 0.00           |
| Connectors                        | Water/Light Oil        |       | 0.000243                 | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Other [10]                        | Gas                    |       | 0.0194                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Other [10]                        | Heavy Oil <20" API     |       | 0.0000683                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Other [10]                        | Light Oil >20"         |       | 0.0165                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Other [10]                        | Water/Light Oil        |       | 0.0309                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Process Drains [5]                | Gas                    |       | 0.0194                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Process Drains [5]                | Heavy Oil <20" API     |       | 0.0000683                | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Process Drains [5]                | Light Oil >20"         |       | 0.0165                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| Process Drains [5]                | Water/Light Oil        |       | 0.0309                   | 0                                             | 0                                            | 0                                           | 0.00             | 0.00           |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
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| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
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| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       | -                        | -                                             | -                                            | -                                           | -                | -              |
| -                                 | -                      |       |                          |                                               |                                              |                                             |                  |                |



| <b>V. Emission Rates - Unique Components</b>                                    |                |              |                                 |                                    |                         |                       |
|---------------------------------------------------------------------------------|----------------|--------------|---------------------------------|------------------------------------|-------------------------|-----------------------|
| Are you proposing any components not included in Section IV above?              |                | No           |                                 |                                    |                         |                       |
| If yes, provide justification for the factors used for these unique components. |                |              |                                 |                                    |                         |                       |
| <b>Component</b>                                                                | <b>Service</b> | <b>Count</b> | <b>Proposed Emission Factor</b> | <b>Proposed Control Efficiency</b> | <b>Controlled lb/hr</b> | <b>Controlled tpy</b> |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
|                                                                                 |                |              |                                 |                                    | 0.00                    | 0.00                  |
| <b>Total Component Count, Total Emission Rate (lbs/hr and tpy)</b>              |                | 0            |                                 |                                    | 0.00                    | 0.00                  |



[illegible]



| VII. Speciation (GHG)                                                |                           |                                |                |                                     |                                                  |
|----------------------------------------------------------------------|---------------------------|--------------------------------|----------------|-------------------------------------|--------------------------------------------------|
| CAS #                                                                | Chemical Constituent Name | Global Warming Potential (GWP) | Weight Percent | Mass Emissions (U.S. tons per year) | CO <sub>2</sub> e Emissions (U.S. tons per year) |
| 124-38-9                                                             | Carbon dioxide            | 1                              | 0.50%          | 0.15525789                          | 0.15525789                                       |
| 74-82-8                                                              | Methane                   | 28                             | 97.35%         | 29.99467422                         | 839.8508781                                      |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
|                                                                      | No CAS Number Entered     | No CAS Number Entered          |                | 0                                   | -                                                |
| Total GHG Emissions (Mass Basis and Carbon dioxide-equivalent Basis) |                           |                                |                | 30.14993211                         | 840.006136                                       |



| VIII - Emission Summary for Worksheet (excludes Inert / Not a Contaminant) |        |
|----------------------------------------------------------------------------|--------|
| Total Emissions (excludes GHG / Inert / Not a Contaminant) (lbs/hr)        | 0.01   |
| Total Emissions (excludes GHG / Inert / Not a Contaminant) (tpy)           | 0.03   |
| Total Hourly VOC Emissions (lbs/hr)                                        | 0.01   |
| Total Annual VOC Emissions (tpy)                                           | 0.03   |
| Total Hourly Inorganic Emissions (lbs/hr)                                  | 0.00   |
| Total Annual Inorganic Emissions (tpy)                                     | 0.00   |
| Total Hourly Exempt Solvent Emissions (lbs/hr)                             | 0.00   |
| Total Annual Exempt Solvent Emissions (tpy)                                | 0.00   |
| Total GHG TPY (mass basis)                                                 | 30.15  |
| Total GHG TPY (CO <sub>2</sub> e)                                          | 840.01 |

# Appendix B

## Emission Calculations

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Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-1 Siemens SGT-800 Turbine

I. Basis

Emissions from the Siemens SGT-800 Turbine were calculated using a combination of vendor specs and BACT. Annual emissions are calculated assuming 8760 hours of operation annually. An SCR will be installed to control NOx emissions and a CO oxidation catalyst will be installed to control CO emissions..

BACT Standards

| Pollutant                | BACT Standard                                          | Averaging Time |
|--------------------------|--------------------------------------------------------|----------------|
| VOC                      | 2.0 ppmvd at 15% O <sub>2</sub>                        | 3-hr Average   |
| NOx                      | 2.0 ppmvd at 15% O <sub>2</sub>                        | 24-hr Average  |
| CO                       | 4.0 ppmvd at 15% O <sub>2</sub>                        | 3-hr Average   |
| PM / PM10 / PM2.5        | Compliance with MAER                                   | 1-hr Average   |
| SO2                      | Fuel sulfur content limited to 0.5 grains per 100 scf. | 1-hr Average   |
| NH <sub>3</sub> (Hourly) | 10.0 ppmvd at 15% O <sub>2</sub> (3-hr)                | 3-hr Average   |
| NH <sub>3</sub> (Annual) | 5.0 ppmvd at 15% O <sub>2</sub> (Annual)               | Annual         |

| Run Identity               |                 | 1       | 2       | 3       | 4       | 5       |
|----------------------------|-----------------|---------|---------|---------|---------|---------|
| Load Condition             | % CTG Base Load | 100%    | 100%    | 100%    | 100%    | 100%    |
| Ambient Temperature        | deg F           | 19.4    | 50      | 68      | 86      | 107.6   |
| Inlet Air Temperature      | deg F           | 19.4    | 50      | 68      | 86      | 107.6   |
| Ambient Relative Humidity  | %               | 100     | 100     | 100     | 100     | 100     |
| Inlet Loss                 | in H2O          | 3.7     | 3.7     | 3.6     | 3.4     | 2.9     |
| Exhaust Pressure Loss      | in H2O          | 7.9     | 7.4     | 7.1     | 6.5     | 5.40    |
| Fuel Type                  |                 | NG      | NG      | NG      | NG      | NG      |
| Fuel LHV                   | BTU/lb          | 20,217  | 20,217  | 20,217  | 20,217  | 20,217  |
| Fuel Temperature           | deg F           | 77      | 77      | 77      | 77      | 77      |
| Fuel Flow                  | lb/s            | 6       | 6       | 6       | 6       | 5       |
| CTG Output                 | kW              | 52,411  | 49,685  | 47,856  | 44,834  | 39,021  |
| CTG Output                 | HP              | 70,283  | 66,627  | 64,175  | 60,122  | 52,327  |
| CTG Heat Rate (LHV)        | BTU/kWh         | 8,790   | 8,813   | 8,855   | 8,994   | 9,362   |
| CTG Thermal Efficiency     | %               | 38.8%   | 38.7%   | 38.5%   | 37.9%   | 36.5%   |
| CTG Heat Consumption (LHV) | MMBTU/hr        | 460.7   | 437.9   | 423.8   | 403.2   | 365.3   |
| CTG Heat Consumption (HHV) | MMBTU/hr        | 510.4   | 485.2   | 469.5   | 446.8   | 404.8   |
|                            |                 |         |         |         |         |         |
| CTG Exhaust Flow           | x10^3 lb/hr     | 1,026   | 991     | 967     | 924     | 830     |
| CTG Exhaust Temperature    | deg F           | 1,041   | 1,051   | 1,058   | 1,072   | 1,108   |
| Exhaust Molecular Weight   | lb/lbmol        | 29.23   | 29.19   | 29.12   | 29.01   | 28.78   |
| Exhaust Energy             | MMBTU/hr        | 224     | 220     | 217     | 212     | 202     |
| Exhaust Mole Flow Rate     | lb-mole/hr      | 35,108  | 33,944  | 33,198  | 31,866  | 28,844  |
| Exhaust Mole Flow - Dry    | lb-mole/hr      | 35,081  | 33,917  | 33,170  | 31,836  | 28,811  |
| Exhaust %O2, dry           | %               | 13.74%  | 13.85%  | 13.88%  | 13.87%  | 13.70%  |
| Exh Mole Flow dry @ 15% O2 | lb-mole/hr      | 123,454 | 119,350 | 116,720 | 112,027 | 101,391 |

COMBUSTION TURBINE EMISSIONS

|                       |                            |        |        |        |        |        |
|-----------------------|----------------------------|--------|--------|--------|--------|--------|
| NOx                   | ppmvd @ 15% O <sub>2</sub> | 20     | 20     | 20     | 20     | 20     |
| NOx AS NO2            | lb/hr                      | 33.48  | 31.78  | 30.75  | 29.26  | 26.51  |
| CO                    | ppmvd                      | 5      | 5      | 5      | 5      | 5      |
| CO                    | lb/hr                      | 5.7    | 5.4    | 5.2    | 5.0    | 4.5    |
| VOC                   | ppmvw                      | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| VOC                   | lb/hr                      | 1.3    | 1.23   | 1.19   | 1.13   | 1.03   |
| PM/PM-10/PM-2.5 (f+c) | lb/hr                      | 2.3    | 2.2    | 2.2    | 2.1    | 1.8    |
| SO2                   | lb/MMBTU, HHV              | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| SO2                   | lb/hr                      | 0.72   | 0.68   | 0.66   | 0.63   | 0.57   |

COMBUSTION TURBINE EXHAUST ANALYSIS % VOL.

|                |             |        |        |        |        |        |
|----------------|-------------|--------|--------|--------|--------|--------|
| Argon          | % by volume | 0.9%   | 0.9%   | 0.9%   | 0.9%   | 0.9%   |
| Nitrogen       | % by volume | 75.0%  | 74.7%  | 74.3%  | 73.5%  | 71.9%  |
| Oxygen         | % by volume | 12.7%  | 12.8%  | 12.7%  | 12.6%  | 12.1%  |
| Carbon Dioxide | % by volume | 3.8%   | 3.7%   | 3.7%   | 3.7%   | 3.7%   |
| Sulfur Dioxide | % by volume | 0.0%   | 0.0%   | 0.0%   | 0.0%   | 0.0%   |
| Water          | % by volume | 7.6%   | 7.9%   | 8.4%   | 9.4%   | 11.4%  |
| TOTAL          |             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| CTG FLUE GAS MOLECULAR | lb/lb-mole |       |       |       |       |       |
|------------------------|------------|-------|-------|-------|-------|-------|
| Argon                  | 39.95      | 0.36  | 0.36  | 0.35  | 0.35  | 0.34  |
| Nitrogen               | 28.02      | 21.02 | 20.94 | 20.82 | 20.61 | 20.15 |
| Oxygen                 | 32.00      | 4.06  | 4.08  | 4.07  | 4.02  | 3.88  |
| Sulfur Dioxide         | 64.07      | 2.43  | 2.39  | 2.36  | 2.34  | 2.34  |
| Carbon Dioxide         | 44.01      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| Water                  | 18.02      | 1.37  | 1.43  | 1.52  | 1.69  | 2.06  |
| TOTAL                  |            | 29.23 | 29.19 | 29.12 | 29.01 | 28.78 |

CTG EXHAUST ANALYSIS % WT

|                |             |        |        |        |        |        |
|----------------|-------------|--------|--------|--------|--------|--------|
| Argon          | % by weight | 1.2%   | 1.2%   | 1.2%   | 1.2%   | 1.2%   |
| Nitrogen       | % by weight | 71.9%  | 71.7%  | 71.5%  | 71.0%  | 70.0%  |
| Oxygen         | % by weight | 13.9%  | 14.0%  | 14.0%  | 13.9%  | 13.5%  |
| Sulfur Dioxide | % by weight | 8.3%   | 8.2%   | 8.1%   | 8.1%   | 8.1%   |
| Carbon Dioxide | % by weight | 0.0%   | 0.0%   | 0.0%   | 0.0%   | 0.0%   |
| Water          | % by weight | 4.7%   | 4.9%   | 5.2%   | 5.8%   | 7.2%   |
| TOTAL          |             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

STACK EXHAUST PARAMETERS

|                  |    |       |       |       |       |       |
|------------------|----|-------|-------|-------|-------|-------|
| Stack Height AGL | ft | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|------------------|----|-------|-------|-------|-------|-------|

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NSR Air Permit Application Project Matador  
August 2025

Appendix B-1 Siemens SGT-800 Turbine

I. Basis

Emissions from the Siemens SGT-800 Turbine were calculated using a combination of vendor specs and BACT. Annual emissions are calculated assuming 8760 hours of operation annually. An SCR will be installed to control NOx emissions and a CO oxidation catalyst will be installed to control CO emissions..

BACT Standards

| Pollutant                 | BACT Standard                                          | Averaging Time |         |         |         |         |
|---------------------------|--------------------------------------------------------|----------------|---------|---------|---------|---------|
| VOC                       | 2.0 ppmvd at 15% O <sub>2</sub>                        | 3-hr Average   |         |         |         |         |
| NOx                       | 2.0 ppmvd at 15% O <sub>2</sub>                        | 24-hr Average  |         |         |         |         |
| CO                        | 4.0 ppmvd at 15% O <sub>2</sub>                        | 3-hr Average   |         |         |         |         |
| PM / PM10 / PM2.5         | Compliance with MAER                                   | 1-hr Average   |         |         |         |         |
| SO2                       | Fuel sulfur content limited to 0.5 grains per 100 scf. | 1-hr Average   |         |         |         |         |
| NH <sub>3</sub> (Hourly)  | 10.0 ppmvd at 15% O <sub>2</sub> (3-hr)                | 3-hr Average   |         |         |         |         |
| NH <sub>3</sub> (Annual)  | 5.0 ppmvd at 15% O <sub>2</sub> (Annual)               | Annual         |         |         |         |         |
| Stack Diameter (I.D.)     | ft                                                     | 12.000         | 12.000  | 12.000  | 12.000  | 12.000  |
| Stack Exhaust Temperature | Degrees F                                              | 250.0          | 250.0   | 250.0   | 250.0   | 250.0   |
| Stack Exhaust Flow Rate   | ACFM                                                   | 500,000        | 500,000 | 500,000 | 500,000 | 500,000 |
| Stack Exit Velocity       | ft/s                                                   | 75.0           | 75.0    | 75.0    | 75.0    | 75.0    |

UNCONTROLLED & CONTROLLED EMISSIONS

|                           |                |        |        |        |        |        |
|---------------------------|----------------|--------|--------|--------|--------|--------|
| NOx Uncontrolled          | lb/hr          | 33.48  | 31.78  | 30.75  | 29.26  | 26.51  |
| NOx Uncontrolled          | ppmvd@15%O2    | 20.00  | 20.00  | 20.00  | 20.00  | 20.00  |
| NOx Controlled            | ppmvd@15%O2    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| NOx Controlled            | lb/hr          | 3.76   | 3.58   | 3.46   | 3.29   | 2.98   |
| NOx Controlled            | TPY            | 16.5   | 15.7   | 15.2   | 14.4   | 13.1   |
| CO Uncontrolled           | lb/hr          | 5.66   | 5.37   | 5.20   | 4.95   | 4.48   |
| CO Uncontrolled           | ppmvd@15%O2    | 5.00   | 5.00   | 5.00   | 5.00   | 5.00   |
| CO Controlled             | ppmvd@15%O2    | 4.0    | 4.0    | 4.0    | 4.0    | 4.0    |
| CO Controlled             | lb/hr          | 4.58   | 4.35   | 4.21   | 4.01   | 3.63   |
| CO Controlled             | TPY            | 20.1   | 19.1   | 18.5   | 17.6   | 15.9   |
| VOC Uncontrolled          | lb/hr          | 1.30   | 1.23   | 1.19   | 1.13   | 1.03   |
| VOC Uncontrolled          | ppmvd@15%O2    | 2.00   | 2.00   | 2.00   | 2.00   | 2.00   |
| VOC Controlled            | ppmvd@15%O2    | 2.00   | 2.00   | 2.00   | 2.00   | 2.00   |
| VOC Controlled            | lb/hr          | 1.30   | 1.23   | 1.19   | 1.13   | 1.03   |
| VOC Controlled            | TPY            | 5.69   | 5.39   | 5.21   | 4.95   | 4.51   |
| PM/PM-10/PM-2.5 (F+C)     | lb/MMBTU, HHV  | 0.005  | 0.005  | 0.005  | 0.005  | 0.004  |
| PM/PM-10/PM-2.5 (F+C)     | lb/hr          | 2.31   | 2.22   | 2.16   | 2.05   | 1.82   |
| PM/PM-10/PM-2.5 (F+C)     | TPY            | 10.12  | 9.72   | 9.46   | 8.98   | 7.97   |
| PM-10 incl. Ammonia Salts | lb/MMBTU, HHV  | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  |
| PM-10 incl. Ammonia Salts | lb/hr          | 2.46   | 2.36   | 2.30   | 2.18   | 1.94   |
| PM-10 incl. Ammonia Salts | TPY            | 10.76  | 10.34  | 10.06  | 9.54   | 8.48   |
| SO2 (note 1)              | lb/MMBTU, HHV  | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| SO2 (note 1)              | lb/hr          | 0.72   | 0.68   | 0.66   | 0.63   | 0.57   |
| SO2 (note 1)              | TPY            | 3.14   | 2.98   | 2.88   | 2.75   | 2.49   |
| H2SO4 (note 2)            | lb/MMBTU, HHV  | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| H2SO4 (note 2)            | lb/hr          | 0.11   | 0.10   | 0.10   | 0.10   | 0.09   |
| H2SO4 (note 2)            | TPY            | 0.48   | 0.46   | 0.44   | 0.42   | 0.38   |
| (NH4)2SO4 (note 3)        | lb/MMBTU, HHV  | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 |
| (NH4)2SO4 (note 3)        | lb/hr          | 0.15   | 0.14   | 0.14   | 0.13   | 0.12   |
| (NH4)2SO4 (note 3)        | TPY            | 0.65   | 0.61   | 0.59   | 0.57   | 0.51   |
| NH3 Slip (Hourly)         | ppmvd @ 15% O2 | 10.0   | 10.0   | 10.0   | 10.0   | 10.0   |
| NH3 Slip (Annual)         | ppmvd @ 15% O2 | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    |
| NH3 Slip                  | lb/hr          | 6.95   | 6.61   | 6.40   | 6.09   | 5.51   |
| NH3 Slip                  | TPY            | 15.23  | 14.48  | 14.01  | 13.33  | 12.08  |

Notes

Note 1: S content in fuel 0.5 grain / 100 dscf  
Note 2: H2SO4 calculated based on 10% SO2/SO3 conversion.  
Note 3 :(NH4)2SO4 calculated based on 10% SO2/SO3 conversion.

Formulas / Example Calculations:

Exhaust mole flow rate = exhaust mass flow rate / flue gas molecular weight = lb/hr / lb/lb-mole = lb-mole/hr  
Dry exhaust mole flow rate = lb-mole/hr x (1- %H2O/100)  
Dry mole flow rate at 15% O2 = dry lb-mole/hour x (20.9 - % O2 dry)/(20.9/15)  
Pollutant lb/hr = lb-mole/hr, dry basis, at 15 % O2 x ppmvd @ 15% O2 dry /10<sup>6</sup> x molecular weight, lb/lb-mole



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NSR Air Permit Application Project Matador  
August 2025

Appendix B-1 Siemens SGT-800 Turbine

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| Pollutant                | BACT Standard                                          | Averaging Time |
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| CO                       | 4.0 ppmvd at 15% O <sub>2</sub>                        | 3-hr Average   |
| PM / PM10 / PM2.5        | Compliance with MAER                                   | 1-hr Average   |
| SO2                      | Fuel sulfur content limited to 0.5 grains per 100 scf. | 1-hr Average   |
| NH <sub>3</sub> (Hourly) | 10.0 ppmvd at 15% O <sub>2</sub> (3-hr)                | 3-hr Average   |
| NH <sub>3</sub> (Annual) | 5.0 ppmvd at 15% O <sub>2</sub> (Annual)               | Annual         |

| VOC Speciation - AP-42 Pollutants/40 CFR 63 YYYY |                                   |                 |                       |          |
|--------------------------------------------------|-----------------------------------|-----------------|-----------------------|----------|
| Pollutant                                        | Worst-Case Firing Rate (MMBtu/hr) | Emission Factor | Emissions per Turbine |          |
|                                                  |                                   |                 | lb/hr                 | tpy      |
| 1,3 butadiene                                    | 510.4                             | 4.30E-07        | 2.19E-04              | 9.61E-04 |
| Acetaldehyde                                     |                                   | 4.00E-05        | 2.04E-02              | 8.94E-02 |
| Acrolein                                         |                                   | 6.40E-06        | 3.27E-03              | 1.43E-02 |
| Benzene                                          |                                   | 1.20E-05        | 6.13E-03              | 2.68E-02 |
| Ethylbenzene                                     |                                   | 3.20E-05        | 1.63E-02              | 7.15E-02 |
| Formaldehyde                                     |                                   | 2.19E-04        | 1.12E-01              | 4.89E-01 |
| Naphthalene                                      |                                   | 1.30E-06        | 6.64E-04              | 2.91E-03 |
| Propylene Oxide                                  |                                   | 2.90E-05        | 1.48E-02              | 6.48E-02 |
| Toluene                                          |                                   | 1.30E-04        | 6.64E-02              | 2.91E-01 |
| Xylene                                           |                                   | 6.40E-05        | 3.27E-02              | 1.43E-01 |

Gaseous Pollutant Sample Calculation - Ammonia (NH<sub>3</sub>) Case 1

|                                                    |       |           |                            |          |             |                    |                      |   |          |              |
|----------------------------------------------------|-------|-----------|----------------------------|----------|-------------|--------------------|----------------------|---|----------|--------------|
| Emission Factor (Hourly)                           |       | 10.0      | ppmvd @ 15% O <sub>2</sub> |          |             |                    |                      |   |          |              |
| Emission Factor (Annual)                           |       | 5.0       | ppmvd @ 15% O <sub>2</sub> |          |             |                    |                      |   |          |              |
| Emission Factor Conversion using F-Factor Method   |       |           |                            |          |             |                    |                      |   |          |              |
| Emission Factor (Hourly) =                         | 10.0  | ppmvd     | 8710                       | dscf     | 4.41558E-08 | lb                 | 20.9                 | = | 0.0136   | lb           |
|                                                    |       |           |                            | MMBtu    |             | scf                | 20.9-15              |   |          | MMBtu        |
| Emission Factor (Annual) =                         | 5.0   | ppmvd     | 8710                       | dscf     | 4.41558E-08 | lb                 | 20.9                 | = | 0.0068   | lb           |
|                                                    |       |           |                            | MMBtu    |             | scf                | 20.9-15              |   |          | MMBtu        |
| K Factor for NH <sub>3</sub> =                     |       |           |                            |          |             |                    |                      |   |          |              |
| 1                                                  | ppm   | 17        | lb                         |          | lb-mol      |                    |                      | = | 4.42E-08 | (lb/scf/ppm) |
| 1000000                                            |       |           | lb-mol                     | 385      | scf         |                    |                      |   |          |              |
| Short-term Emission Calculation (NH <sub>3</sub> ) |       |           |                            |          |             |                    |                      |   |          |              |
| 0.0136                                             | lb    | 510.45    | MMBtu                      | =        | 6.95        | lb NH <sub>3</sub> |                      |   |          |              |
|                                                    | MMBtu |           | hr                         |          |             | hr                 |                      |   |          |              |
| Annual Emission Calculation (NH <sub>3</sub> )     |       |           |                            |          |             |                    |                      |   |          |              |
| 0.0068                                             | lb    | 4,471,520 | MMBtu                      | ton      | =           | 15.23              | tons NH <sub>3</sub> |   |          |              |
|                                                    | MMBtu |           | yr                         | 2,000 lb |             |                    | yr                   |   |          |              |

Sample Calculation - Sulfur Dioxide (SO<sub>2</sub>) Case 1

|                                                    |       |               |                       |          |       |                    |                      |                    |   |        |       |
|----------------------------------------------------|-------|---------------|-----------------------|----------|-------|--------------------|----------------------|--------------------|---|--------|-------|
| Emission Factor                                    |       | 0.5           | grains sulfur/100 scf |          |       |                    |                      |                    |   |        |       |
| Emission Factor Conversion (Grains to lb/MMscf)    |       |               |                       |          |       |                    |                      |                    |   |        |       |
| Emission Factor =                                  | 0.5   | grains sulfur | 1,000,000             | scf      |       | lb                 | 64.1                 | MW SO <sub>2</sub> | = | 1.4308 | lb    |
|                                                    |       | 100 scf       |                       | MMscf    | 7,000 | grains             | 32                   | MW Sulfur          |   |        | MMscf |
| Emission Factor Conversion (lb/MMscf to lb/MMBtu)  |       |               |                       |          |       |                    |                      |                    |   |        |       |
| Emission Factor =                                  | 1.4   | lb            |                       | scf      | =     | 0.00140            | lb                   |                    |   |        |       |
|                                                    |       | MMscf         | 1,020                 | btu      |       |                    | MMBtu                |                    |   |        |       |
| Short-term Emission Calculation (SO <sub>2</sub> ) |       |               |                       |          |       |                    |                      |                    |   |        |       |
| 0.0014                                             | lb    | 510.45        | MMBtu                 | =        | 0.72  | lb SO <sub>2</sub> |                      |                    |   |        |       |
|                                                    | MMBtu |               | hr                    |          |       | hr                 |                      |                    |   |        |       |
| Annual Emission Calculation (SO <sub>2</sub> )     |       |               |                       |          |       |                    |                      |                    |   |        |       |
| 0.0014                                             | lb    | 4,471,520     | MMBtu                 | ton      | =     | 3.14               | tons SO <sub>2</sub> |                    |   |        |       |
|                                                    | MMBtu |               | yr                    | 2,000 lb |       |                    | yr                   |                    |   |        |       |

Sample Calculation - Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>) Case 1

|                                                                      |       |           |          |                                     |
|----------------------------------------------------------------------|-------|-----------|----------|-------------------------------------|
| SO <sub>2</sub> Emission Factor                                      |       | 1.43      | lb/MMscf |                                     |
| <i>H<sub>2</sub>SO<sub>4</sub> Emission Factor</i>                   |       |           |          |                                     |
| Emission Factor =                                                    | 1.43  | lb        | 10%      | 98.1                                |
|                                                                      |       | MMscf     |          | 64.1                                |
|                                                                      |       |           |          | MW H <sub>2</sub> SO <sub>4</sub>   |
|                                                                      |       |           |          | =                                   |
|                                                                      |       |           |          | 0.2190                              |
|                                                                      |       |           |          | lb                                  |
|                                                                      |       |           |          | MMscf                               |
| <i>Emission Factor Conversion (lb/MMscf to lb/MMBtu)</i>             |       |           |          |                                     |
| Emission Factor =                                                    | 0.2   | lb        |          |                                     |
|                                                                      |       | MMscf     | 1,020    | scf                                 |
|                                                                      |       |           |          | btu                                 |
|                                                                      |       |           |          | =                                   |
|                                                                      |       |           |          | 0.00021                             |
|                                                                      |       |           |          | lb                                  |
|                                                                      |       |           |          | MMBtu                               |
| <i>Short-term Emission Calculation (H<sub>2</sub>SO<sub>4</sub>)</i> |       |           |          |                                     |
| 0.00021                                                              | lb    | 510.45    | MMBtu    | =                                   |
|                                                                      | MMBtu |           | hr       |                                     |
|                                                                      |       |           |          | 0.11                                |
|                                                                      |       |           |          | lb H <sub>2</sub> SO <sub>4</sub>   |
|                                                                      |       |           |          | hr                                  |
| <i>Annual Emission Calculation (H<sub>2</sub>SO<sub>4</sub>)</i>     |       |           |          |                                     |
| 0.00021                                                              | lb    | 4,471,520 | MMBtu    | ton                                 |
|                                                                      | MMBtu |           | yr       | 2,000 lb                            |
|                                                                      |       |           |          | =                                   |
|                                                                      |       |           |          | 0.48                                |
|                                                                      |       |           |          | tons H <sub>2</sub> SO <sub>4</sub> |
|                                                                      |       |           |          | yr                                  |

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August 2025**

**Appendix B-2 Turbine Startup/Shutdown Emissions and Durations**

**Siemens SGT-800 Gas Turbines**

| Mode - Natural Gas | ~ Time    | Total Pounds Per Event |      |     |
|--------------------|-----------|------------------------|------|-----|
|                    | (minutes) | NOx                    | CO   | VOC |
| Purge Cycle        | 2.0       | 19.3                   | 69.5 | 9.3 |
| Starting Cycle     | 5.3       |                        |      |     |
| Loading Cycle      | 16.7      |                        |      |     |

**TOTAL: 24.0**

| Mode - Natural Gas  | ~ Time    | Total Pounds Per Event |      |     |
|---------------------|-----------|------------------------|------|-----|
|                     | (minutes) | NOx                    | CO   | VOC |
| Unloading Cycle     | 17.5      | 19.3                   | 69.5 | 9.3 |
| Idle/Shutdown Cycle | 9.2       |                        |      |     |

**TOTAL: 26.7**

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-3 Turbine Startup/Shutdown Emissions Summary

|                                                             |    |
|-------------------------------------------------------------|----|
| Number of Annual Startup Events Per Turbine <sup>(1)</sup>  | 52 |
| Number of Annual Shutdown Events Per Turbine <sup>(1)</sup> | 52 |

<sup>(1)</sup> This is an estimate for purposes of calculating annual emissions. It is not a representation of total number of annual MSS events.

| Siemens SGT-800 Turbines | Time Period | Hourly Emissions per Turbine |                         |                         |                                                         |                          |                          |                                                          |                                     | Annual Emissions per Turbine |                                    |                                     |                              |
|--------------------------|-------------|------------------------------|-------------------------|-------------------------|---------------------------------------------------------|--------------------------|--------------------------|----------------------------------------------------------|-------------------------------------|------------------------------|------------------------------------|-------------------------------------|------------------------------|
|                          |             | Regular Operations (lb/hr)   | Startup Emissions (lbs) | Startup Duration (mins) | Hourly Startup Emissions plus Remaining Routine (lb/hr) | Shutdown Emissions (lbs) | Shutdown Duration (mins) | Hourly Shutdown Emissions plus Remaining Routine (lb/hr) | Worst-Case Hourly Emissions (lb/hr) | Regular Operations (tpy)     | Total Emissions From Startup (tpy) | Total Emissions From Shutdown (tpy) | Total Annual Emissions (tpy) |
| VOC                      | 1-hr        | 1.30                         | 9.30                    | 24.00                   | 10.08                                                   | 9.30                     | 26.67                    | 10.02                                                    | 10.08                               |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 5.69                         | 0.2418                             | 0.2418                              | 6.18                         |
| NOX                      | 1-hr        | 3.76                         | 19.30                   | 24.00                   | 21.56                                                   | 19.30                    | 26.67                    | 21.39                                                    | 21.56                               |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 16.49                        | 0.5018                             | 0.5018                              | 17.49                        |
| CO                       | 1-hr        | 4.58                         | 69.50                   | 24.00                   | 72.25                                                   | 69.50                    | 26.67                    | 72.05                                                    | 72.25                               |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 20.07                        | 1.807                              | 1.807                               | 23.68                        |
| NH3                      | 1-hr        | 6.95                         |                         |                         |                                                         |                          |                          |                                                          | 6.95                                |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 15.23                        |                                    |                                     | 15.23                        |
| SO2                      | 1-hr        | 0.72                         |                         |                         |                                                         |                          |                          |                                                          | 0.72                                |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 3.14                         |                                    |                                     | 3.14                         |
| H2SO4                    | 1-hr        | 0.11                         |                         |                         |                                                         |                          |                          |                                                          | 0.11                                |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 0.48                         |                                    |                                     | 0.48                         |
| PM/PM10/PM2.5            | 1-hr        | 2.46                         |                         |                         |                                                         |                          |                          |                                                          | 2.46                                |                              |                                    |                                     |                              |
|                          | Annual      |                              |                         |                         |                                                         |                          |                          |                                                          |                                     | 10.76                        |                                    |                                     | 10.76                        |

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-4 Black Start Generators

I. Basis

Black Start generators are fired with Ultra low sulfur diesel (ULSD). The Reciprocating Internal Combustion Engines (RICE) are used to support gas turbine startup activities. Short-term emissions were calculated based on the maximum rated power output of the engine using EPA Tier 2 emission factors. Annual emissions were based on the maximum rated power of the engine, EPA Tier 2 emission factors, and annual hours of operation. The RICE are subject to 40 CFR 60 Subpart IIII, and the proposed emission rates meet the NSPS for Stationary Compression Ignition Internal Combustion Engines.

II. Supplemental Engines - Diesel

| Pollutant                                                         | Emission Factor |                                |
|-------------------------------------------------------------------|-----------------|--------------------------------|
|                                                                   | g/hp-hr         | Source                         |
| CO                                                                | 2.61            | EPA Tier 2 Emissions Certified |
| PM/PM <sub>10</sub> /PM <sub>2.5</sub> (Filterable + Condensable) | 0.15            | EPA Tier 2 Emissions Certified |
| NO <sub>x</sub>                                                   | 4.77            | EPA Tier 2 Emissions Certified |
| VOC                                                               | 4.77            | EPA Tier 2 Emissions Certified |
| SO <sub>2</sub>                                                   | 0.005           | 15 ppm ULSD                    |

III. Emissions Criteria

| FIN      | EPN      | Engine                  | Horsepower (HP) | Annual Hours of Operation <sup>(1)</sup> | VOC   |      | NO <sub>x</sub> |      | CO    |      | SO <sub>2</sub> |      | PM/PM <sub>10</sub> /PM <sub>2.5</sub> |      |
|----------|----------|-------------------------|-----------------|------------------------------------------|-------|------|-----------------|------|-------|------|-----------------|------|----------------------------------------|------|
|          |          |                         |                 |                                          | lb/hr | tpy  | lb/hr           | tpy  | lb/hr | tpy  | lb/hr           | tpy  | lb/hr                                  | tpy  |
| ENGINE-1 | ENGINE-1 | Black Start Generator 1 | 2,682           | 100                                      | 28.22 | 1.41 | 28.22           | 1.41 | 15.43 | 0.77 | 0.03            | 0.00 | 0.88                                   | 0.04 |
| ENGINE-2 | ENGINE-2 | Black Start Generator 2 | 2,682           | 100                                      | 28.22 | 1.41 | 28.22           | 1.41 | 15.43 | 0.77 | 0.03            | 0.00 | 0.88                                   | 0.04 |

<sup>(1)</sup> This is an estimate for purposes of calculating annual emissions. It is not a representation of total number of annual operating hours.

IV. Example Calculations - ENGINE-1

Example Short-term Emission Calculation (NO<sub>x</sub>)

4.77E+00

g

2682

hp

1

lb

hp-hr

453.6

g

=

28.22

lb Nox

hr

Example Annual Emission Calculation (NO<sub>x</sub>)

4.77E+00

g

2682

hp

100

hr

1

ton

1

lb

hp-hr

yr

2000

lb

453.6

g

=

1.41 tpy NOx



**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-4 Black Start Generators**

**V. VOC Speciation - AP-42 Pollutants<sup>(1)</sup>**

| FIN      | EPN      | Engine                  | Engine Rating | Brake-Specific Fuel Consumption | Heat Rating |
|----------|----------|-------------------------|---------------|---------------------------------|-------------|
|          |          |                         | kW            | Btu/hp-hr                       | MMBtu/hr    |
| ENGINE-1 | ENGINE-1 | Black Start Generator 1 | 2,000         | 7,000                           | 14.00       |

| Pollutant              | Emission Factor (lb/MMBtu) | Emissions per Blackstart Engine |          |
|------------------------|----------------------------|---------------------------------|----------|
|                        |                            | lb/hr                           | tpy      |
| Benzene                | 9.33E-04                   | 1.31E-02                        | 6.53E-04 |
| Toluene                | 4.09E-04                   | 5.73E-03                        | 2.86E-04 |
| Xylene                 | 2.85E-04                   | 3.99E-03                        | 2.00E-04 |
| Propylene              | 2.58E-03                   | 3.61E-02                        | 1.81E-03 |
| 1,3 Butadiene          | 3.91E-05                   | 5.47E-04                        | 2.74E-05 |
| Formaldehyde           | 1.18E-03                   | 1.65E-02                        | 8.26E-04 |
| Acetaldehyde           | 7.67E-04                   | 1.07E-02                        | 5.37E-04 |
| Acrolein               | 9.25E-05                   | 1.30E-03                        | 6.48E-05 |
| Naphthalene            | 8.48E-05                   | 1.19E-03                        | 5.94E-05 |
| Acenaphthylene         | 5.06E-06                   | 7.08E-05                        | 3.54E-06 |
| Acenaphthene           | 1.42E-06                   | 1.99E-05                        | 9.94E-07 |
| Fluorene               | 2.92E-05                   | 4.09E-04                        | 2.04E-05 |
| Phenanthrene           | 2.94E-05                   | 4.12E-04                        | 2.06E-05 |
| Anthracene             | 1.87E-06                   | 2.62E-05                        | 1.31E-06 |
| Fluoranthene           | 7.61E-06                   | 1.07E-04                        | 5.33E-06 |
| Pyrene                 | 4.78E-06                   | 6.69E-05                        | 3.35E-06 |
| Benz(a)anthracene      | 1.68E-06                   | 2.35E-05                        | 1.18E-06 |
| Chrysene               | 3.53E-07                   | 4.94E-06                        | 2.47E-07 |
| Benzo(b)fluoranthene   | 9.91E-08                   | 1.39E-06                        | 6.94E-08 |
| Benzo(k)fluoranthene   | 1.55E-07                   | 2.17E-06                        | 1.09E-07 |
| Benzo(a)pyrene         | 1.88E-07                   | 2.63E-06                        | 1.32E-07 |
| Indeno(1,2,3-cd)pyrene | 3.75E-07                   | 5.25E-06                        | 2.63E-07 |
| Dibenzo(a,h)anthracene | 5.83E-07                   | 8.16E-06                        | 4.08E-07 |
| Benzo(g,h,i)perylene   | 4.89E-07                   | 6.85E-06                        | 3.42E-07 |
| TOTAL PAH              | 1.68E-04                   | 2.35E-03                        | 1.18E-04 |

Emission factors taken from AP-42 table 3.3-2. Note that the formaldehyde emission factor is less than the 580 ppbv at 15% O2 specified in 40 CFR 63 Subpart ZZZZ Table 2a.

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-5 Emergency Engines

I. Basis

Ultra low sulfur diesel (ULSD) emergency-use Reciprocating Internal Combustion Engines (RICE) will be installed to pump water or foam during fires and provide emergency power. Short-term emissions were calculated based on the maximum rated power output of the engine using EPA Tier 2 and 3 emission factors. Annual emissions were based on the maximum rated power of the engine, EPA Tier 2 and 3 emission factors, and annual hours of operation. The RICE are subject to 40 CFR 60 Subpart IIII, and the proposed emission rates meet the NSPS for Stationary Compression Ignition Internal Combustion Engines. Note that the site will also install electric powered fire water pumps that are not emission sources for permitting.

II. Emission Factors - ULSD Emergency Fire System Pump RICE

| Pollutant                              | Emission Factors |                                |
|----------------------------------------|------------------|--------------------------------|
|                                        | g/hp-hr          | Source                         |
| CO                                     | 2.61             | EPA Tier 3 Emissions Certified |
| PM/PM <sub>10</sub> /PM <sub>2.5</sub> | 0.15             | EPA Tier 3 Emissions Certified |
| NO <sub>x</sub>                        | 2.98             | EPA Tier 3 Emissions Certified |
| VOC                                    | 2.98             | EPA Tier 3 Emissions Certified |
| SO <sub>2</sub>                        | 0.005            | 15 ppm ULSD                    |

III. Emission Factors - ULSD Emergency Generator RICE

| Pollutant                              | Emission Factors |                                |
|----------------------------------------|------------------|--------------------------------|
|                                        | g/hp-hr          | Source                         |
| CO                                     | 2.61             | EPA Tier 2 Emissions Certified |
| PM/PM <sub>10</sub> /PM <sub>2.5</sub> | 0.15             | EPA Tier 2 Emissions Certified |
| NO <sub>x</sub>                        | 4.77             | EPA Tier 2 Emissions Certified |
| VOC                                    | 4.77             | EPA Tier 2 Emissions Certified |
| SO <sub>2</sub>                        | 0.005            | 15 ppm ULSD                    |

IV. Emissions Criteria

| FIN    | EPN    | Engine                    | Horsepower | Annual Hours of Operation | VOC   |      | NO <sub>x</sub> |      | CO    |      | SO <sub>2</sub> |        | PM/PM <sub>10</sub> /PM <sub>2.5</sub> |       |
|--------|--------|---------------------------|------------|---------------------------|-------|------|-----------------|------|-------|------|-----------------|--------|----------------------------------------|-------|
|        |        |                           |            |                           | lb/hr | tpy  | lb/hr           | tpy  | lb/hr | tpy  | lb/hr           | tpy    | lb/hr                                  | tpy   |
| FPUMP1 | FPUMP1 | Fire System Pump Engine 1 | 350        | 100                       | 2.30  | 0.12 | 2.30            | 0.12 | 2.01  | 0.10 | 0.004           | 0.0002 | 0.12                                   | 0.006 |
| FPUMP2 | FPUMP2 | Fire System Pump Engine 2 | 350        | 100                       | 2.30  | 0.12 | 2.30            | 0.12 | 2.01  | 0.10 | 0.004           | 0.0002 | 0.12                                   | 0.006 |
| EGEN1  | EGEN1  | Emergency Engine 1        | 4,500      | 100                       | 47.35 | 2.37 | 47.35           | 2.37 | 25.89 | 1.29 | 0.048           | 0.002  | 1.48                                   | 0.074 |
| EGEN2  | EGEN2  | Emergency Engine 2        | 4,500      | 100                       | 47.35 | 2.37 | 47.35           | 2.37 | 25.89 | 1.29 | 0.048           | 0.002  | 1.48                                   | 0.074 |
| EGEN3  | EGEN3  | Emergency Engine 3        | 4,500      | 100                       | 47.35 | 2.37 | 47.35           | 2.37 | 25.89 | 1.29 | 0.048           | 0.002  | 1.48                                   | 0.074 |
| EGEN4  | EGEN4  | Emergency Engine 4        | 4,500      | 100                       | 47.35 | 2.37 | 47.35           | 2.37 | 25.89 | 1.29 | 0.048           | 0.002  | 1.48                                   | 0.074 |
| EGEN5  | EGEN5  | Emergency Engine 5        | 4,500      | 100                       | 47.35 | 2.37 | 47.35           | 2.37 | 25.89 | 1.29 | 0.048           | 0.002  | 1.48                                   | 0.074 |
| EGEN6  | EGEN6  | Emergency Engine 6        | 4,500      | 100                       | 47.35 | 2.37 | 47.35           | 2.37 | 25.89 | 1.29 | 0.048           | 0.002  | 1.48                                   | 0.074 |

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-5 Emergency Engines

V. VOC Speciation - AP-42 Pollutants

| FIN    | EPN    | Engine                | Horsepower | Brake-Specific<br>Fuel<br>Consumption | Heat Rating |
|--------|--------|-----------------------|------------|---------------------------------------|-------------|
|        |        |                       |            | Btu/hp-hr                             | MMBtu/hr    |
| FPUMP1 | FPUMP1 | Firewater Pump<br>1   | 350        | 7,000                                 | 2.45        |
| EGEN1  | EGEN1  | Emergency<br>Engine 1 | 4,500      | 7,000                                 | 31.50       |

| Pollutant              | Emission<br>Factor<br>(lb/MMBtu) | Emissions per Firewater<br>Pump |          | Emissions per Emergency<br>Engine |          |
|------------------------|----------------------------------|---------------------------------|----------|-----------------------------------|----------|
|                        |                                  | lb/hr                           | tpy      | lb/hr                             | tpy      |
| Benzene                | 9.33E-04                         | 2.29E-03                        | 1.14E-04 | 2.94E-02                          | 1.47E-03 |
| Toluene                | 4.09E-04                         | 1.00E-03                        | 5.01E-05 | 1.29E-02                          | 6.44E-04 |
| Xylene                 | 2.85E-04                         | 6.98E-04                        | 3.49E-05 | 8.98E-03                          | 4.49E-04 |
| Propylene              | 2.58E-03                         | 6.32E-03                        | 3.16E-04 | 8.13E-02                          | 4.06E-03 |
| 1,3 Butadiene          | 3.91E-05                         | 9.58E-05                        | 4.79E-06 | 1.23E-03                          | 6.16E-05 |
| Formaldehyde           | 1.18E-03                         | 2.89E-03                        | 1.45E-04 | 3.72E-02                          | 1.86E-03 |
| Acetaldehyde           | 7.67E-04                         | 1.88E-03                        | 9.40E-05 | 2.42E-02                          | 1.21E-03 |
| Acrolein               | 9.25E-05                         | 2.27E-04                        | 1.13E-05 | 2.91E-03                          | 1.46E-04 |
| Naphthalene            | 8.48E-05                         | 2.08E-04                        | 1.04E-05 | 2.67E-03                          | 1.34E-04 |
| Acenaphthylene         | 5.06E-06                         | 1.24E-05                        | 6.20E-07 | 1.59E-04                          | 7.97E-06 |
| Acenaphthene           | 1.42E-06                         | 3.48E-06                        | 1.74E-07 | 4.47E-05                          | 2.24E-06 |
| Fluorene               | 2.92E-05                         | 7.15E-05                        | 3.58E-06 | 9.20E-04                          | 4.60E-05 |
| Phenanthrene           | 2.94E-05                         | 7.20E-05                        | 3.60E-06 | 9.26E-04                          | 4.63E-05 |
| Anthracene             | 1.87E-06                         | 4.58E-06                        | 2.29E-07 | 5.89E-05                          | 2.95E-06 |
| Fluoranthene           | 7.61E-06                         | 1.86E-05                        | 9.32E-07 | 2.40E-04                          | 1.20E-05 |
| Pyrene                 | 4.78E-06                         | 1.17E-05                        | 5.86E-07 | 1.51E-04                          | 7.53E-06 |
| Benz(a)anthracene      | 1.68E-06                         | 4.12E-06                        | 2.06E-07 | 5.29E-05                          | 2.65E-06 |
| Chrysene               | 3.53E-07                         | 8.65E-07                        | 4.32E-08 | 1.11E-05                          | 5.56E-07 |
| Benzo(b)fluoranthene   | 9.91E-08                         | 2.43E-07                        | 1.21E-08 | 3.12E-06                          | 1.56E-07 |
| Benzo(k)fluoranthene   | 1.55E-07                         | 3.80E-07                        | 1.90E-08 | 4.88E-06                          | 2.44E-07 |
| Benzo(a)pyrene         | 1.88E-07                         | 4.61E-07                        | 2.30E-08 | 5.92E-06                          | 2.96E-07 |
| Indeno(1,2,3-cd)pyrene | 3.75E-07                         | 9.19E-07                        | 4.59E-08 | 1.18E-05                          | 5.91E-07 |
| Dibenzo(a,h)anthracene | 5.83E-07                         | 1.43E-06                        | 7.14E-08 | 1.84E-05                          | 9.18E-07 |
| Benzo(g,h,i)perylene   | 4.89E-07                         | 1.20E-06                        | 5.99E-08 | 1.54E-05                          | 7.70E-07 |
| TOTAL PAH              | 1.68E-04                         | 4.12E-04                        | 2.06E-05 | 5.29E-03                          | 2.65E-04 |

Emission factors taken from AP-42 table 3.3-2. Note that the formaldehyde emission factor is less than the 580 ppbv at 15% O2 specified in 40 CFR 63 Subpart ZZZZ Table 2a.

IV. Example Calculations - FPUMP1

Example Short-term Emission Calculation (NO<sub>x</sub>)

2.98E+00

g

hp-hr

350

hp

1

453.6

lb

g

=

2.30

lb Nox

hr

Example Annual Emission Calculation (NO<sub>x</sub>)

2.98E+00

g

hp-hr

350

hp

100

hr

yr

1

2000

ton

lb

1

453.6

lb

g

=

0.12 tpy NOx

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-6 Cooling Towers**

**I. Basis**

Emissions from the cooling towers are calculated using a 0.001 % drift loss factor and the circulation rate, per TCEQ BACT requirements. The PM/PM10/PM2.5 size fractions are calculated using the methodology presented "Calculating Realistic PM10 Emissions from Cooling Towers" by Joel Reisman and Gordon Frisbie. The cooler is used to cool heat exchangers that do not contain VOC. As such, there is no potential for VOC leakages into the cooling water.

**II. Emission Calculations**

Liquid Density of Water: 8.34 lb/gal

| EPN   | Cooling Spray Rate |           | Operating Hours | Drift Loss | Total Dissolved Solids (TDS) <sup>[1]</sup> | PM <sub>10</sub> Fraction | PM <sub>2.5</sub> Fraction | PM Emissions |      | PM <sub>10</sub> Emissions |      | PM <sub>2.5</sub> Emissions |          |
|-------|--------------------|-----------|-----------------|------------|---------------------------------------------|---------------------------|----------------------------|--------------|------|----------------------------|------|-----------------------------|----------|
|       | gpm                | gph       |                 |            |                                             |                           |                            | lb/hr        | tpy  | lb/hr                      | tpy  | lb/hr                       | tpy      |
| CT-1  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-2  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-3  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-4  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-5  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-6  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-7  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-8  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-9  | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-10 | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-11 | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-12 | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-13 | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-14 | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |
| CT-15 | 100,000            | 6,000,000 | 8,760           | 0.001%     | 3,000                                       | 50.00%                    | 0.20%                      | 1.50         | 6.58 | 0.75                       | 3.29 | 3.06E-03                    | 1.34E-02 |

<sup>[1]</sup> Conservatively assumed 3000 ppm for calculations.

**III. Sample Calculations**

**Particulate (PM) Emissions**

*Hourly Particulate (PM) Emissions:*

100,000

min

60 min

hr

0.001%

8.34 lb

gal

3,000 lb PM

1,000,000 lb water

=

1.50 lb/hr

*Annual Particulate (PM) Emissions:*

1.50 lb

hr

8,760 hr

yr

ton

2000 lb

=

6.58 tpy



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**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-7 Lube Oil Recirculation System Vents**

**I. Basis**

The heating of recirculating lube oil in the gas turbine housing generates oil vapor and oil condensate droplets in the oil reservoir compartments. Lube oil mist emissions are controlled by a mist eliminator.

Unloading, storage, and heated recirculation of lube oil in gas turbine reservoirs will result in losses of about 0.2 gallons per day per vent, based on oil consumption for similar units. Per engineering estimates, approximately 30% of the loss is due to evaporation, and the rest are non-volatile losses. The calculated hourly emissions are based on the daily emission rate divided by 24 hours per day.

Lube oil mist will be generated and the corresponding mist eliminator fan will be operated concurrently with turbine operation, including during startup and shutdown, plus additional time after turbine operation. When the gas turbine does not operate for extended periods such that lube oil is cooled to near-ambient temperatures, mist eliminators may be shut down. During this time, vapor breathing and filling losses may occur from each oil reservoir. These latter losses are significantly less than the emission rates calculated on this sheet.

**II .Calculations**

| FIN   | EPN   | Emission Rate Per<br>Mist Eliminator<br>Vent (gal/hr/vent) | Oil Density<br>(lb/gal) | Evaporation Fraction | VOC   |      | PM/PM <sub>10</sub> /PM <sub>2.5</sub> |      |
|-------|-------|------------------------------------------------------------|-------------------------|----------------------|-------|------|----------------------------------------|------|
|       |       |                                                            |                         | %                    | lb/hr | tpy  | lb/hr                                  | tpy  |
| LOV1  | LOV1  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV2  | LOV2  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV3  | LOV3  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV4  | LOV4  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV5  | LOV5  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV6  | LOV6  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV7  | LOV7  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV8  | LOV8  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV9  | LOV9  | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV10 | LOV10 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV11 | LOV11 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV12 | LOV12 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV13 | LOV13 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV14 | LOV14 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV15 | LOV15 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV16 | LOV16 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV17 | LOV17 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV18 | LOV18 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV19 | LOV19 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV20 | LOV20 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV21 | LOV21 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV22 | LOV22 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV23 | LOV23 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV24 | LOV24 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV25 | LOV25 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV26 | LOV26 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV27 | LOV27 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV28 | LOV28 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV29 | LOV29 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV30 | LOV30 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV31 | LOV31 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV32 | LOV32 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV33 | LOV33 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV34 | LOV34 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV35 | LOV35 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV36 | LOV36 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV37 | LOV37 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV38 | LOV38 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV39 | LOV39 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV40 | LOV40 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV41 | LOV41 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV42 | LOV42 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV43 | LOV43 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV44 | LOV44 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV45 | LOV45 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV46 | LOV46 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV47 | LOV47 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV48 | LOV48 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV49 | LOV49 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV50 | LOV50 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV51 | LOV51 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |
| LOV52 | LOV52 | 8.33E-03                                                   | 7.26                    | 30%                  | 0.02  | 0.08 | 0.02                                   | 0.08 |

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-7 Lube Oil Recirculation System Vents

|       |       |          |      |     |      |      |      |      |
|-------|-------|----------|------|-----|------|------|------|------|
| LOV53 | LOV53 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV54 | LOV54 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV55 | LOV55 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV56 | LOV56 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV57 | LOV57 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV58 | LOV58 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV59 | LOV59 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV60 | LOV60 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV61 | LOV61 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV62 | LOV62 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV63 | LOV63 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV64 | LOV64 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV65 | LOV65 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV66 | LOV66 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV67 | LOV67 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV68 | LOV68 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV69 | LOV69 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV70 | LOV70 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV71 | LOV71 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV72 | LOV72 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV73 | LOV73 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV74 | LOV74 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV75 | LOV75 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV76 | LOV76 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV77 | LOV77 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV78 | LOV78 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV79 | LOV79 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV80 | LOV80 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV81 | LOV81 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV82 | LOV82 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV83 | LOV83 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV84 | LOV84 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV85 | LOV85 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV86 | LOV86 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV87 | LOV87 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV88 | LOV88 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV89 | LOV89 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| LOV90 | LOV90 | 8.33E-03 | 7.26 | 30% | 0.02 | 0.08 | 0.02 | 0.08 |
| Total |       |          |      |     | 1.63 | 7.15 | 1.63 | 7.15 |

III. Example Calculations - LOV1

Example Short-term Emission Calculation (VOC)

|          |     |      |     |     |   |      |        |
|----------|-----|------|-----|-----|---|------|--------|
| 8.33E-03 | gal | 7.26 | lb  | 30% | = | 0.02 | lb VOC |
|          | hr  |      | gal |     |   |      | hr     |

Example Annual Emission Calculation (VOC)

|          |     |      |     |     |      |      |     |   |      |         |
|----------|-----|------|-----|-----|------|------|-----|---|------|---------|
| 8.33E-03 | gal | 7.26 | lb  | 30% | 8760 | 1    | ton | = | 0.08 | tpy VOC |
|          | hr  |      | gal |     | yr   | 2000 | lb  |   |      |         |

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-8 Natural Gas Piping Fugitives**

**I. Basis**

This represents natural gas piping components associated with the project. Emission factors utilized were from EPA-453/R-95-017, November 1995, Table 2-4, Oil and Gas Operation Average Emission Factors. Component counts and average composition calculated from process flow diagrams and engineering counts. All open-ended lines are capped or blind-flanged. In accordance with TCEQ guidance, components under vacuum with a vapor pressure at least 0.725 psi below ambient are recorded though no emissions result from these components.

| Overall Fugitives Count and Total Emissions (EPN NGFUG) |              |                 |                                                   |                    |                      |                 |
|---------------------------------------------------------|--------------|-----------------|---------------------------------------------------|--------------------|----------------------|-----------------|
| Equipment Type                                          | Service      | Component Count | Emission Factor <sup>1</sup><br>(lb/hr/component) | Control Efficiency | Controlled Emissions |                 |
|                                                         |              |                 |                                                   |                    | Hourly<br>(lb/hr)    | Annual<br>(tpy) |
| Flange & Connectors                                     | Gas/Vapor    | 1,242           | 0.00086                                           | 0%                 | 1.068                | 4.677           |
|                                                         | Light Liquid | 0               | 0.00046                                           | 0%                 | 0.000                | 0.000           |
|                                                         | Heavy Liquid | 0               | 0.00002                                           | 0%                 | 0.000                | 0.000           |
| Valves                                                  | Gas/Vapor    | 500             | 0.00992                                           | 0%                 | 4.963                | 21.737          |
|                                                         | Light Liquid | 0               | 0.00551                                           | 0%                 | 0.000                | 0.000           |
|                                                         | Heavy Liquid | 0               | 0.00002                                           | 0%                 | 0.000                | 0.000           |
| Relief Valves                                           | Gas/Vapor    | 52              | 0.01940                                           | 0%                 | 1.004                | 4.397           |
| Open Ended Lines                                        | All          | 0               | 0.00441                                           | 0%                 | 0.000                | 0.000           |
| Drains                                                  | All          | 0               | 0.01940                                           | 0%                 | 0.000                | 0.000           |
| Pump Seals                                              | Light Liquid | 0               | 0.02866                                           | 0%                 | 0.000                | 0.000           |
|                                                         | Heavy Liquid | 0               | 0.00007                                           | 0%                 | 0.000                | 0.000           |
| Compressor Seals                                        | All          | 0               | 0.01940                                           | 0%                 | 0.000                | 0.000           |
| <b>Total Unspeciated Emissions (EPN NGFUG)</b>          |              |                 |                                                   |                    | <b>7.03</b>          | <b>30.81</b>    |

<sup>1</sup> Emission factors utilized are from EPA-453/R-95-017, Table 2-4, Oil and Gas Operation Average Emission Factors, November 1995.

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-8 Natural Gas Piping Fugitives**

**I. Basis**

**Sample Calculations - Flange & Connectors in Gas Service**

Maximum Hourly Emissions, lb/hr = (Number of Components) \* (Emission Factor, lb/hr/component) \* (1-Control Credit)

$$\text{lb/hr} = \frac{1,242 \text{ components}}{\text{component}} \times \frac{0.00086 \text{ lb/hr}}{\text{component}} \times \frac{1 - 0.00}{\text{component}} = 1.068 \text{ lb/hr}$$

Annual Emissions, tpy= (Number of Components) \* (EF, lb/hr/component) \* (Number of Hours/Year) \* (1-Control Credit) \* (1 ton per 2,000 lbs)

$$\text{tpy} = \frac{1,242 \text{ components}}{\text{component}} \times \frac{0.00086 \text{ lb/hr}}{\text{component}} \times \frac{8,760 \text{ hours}}{\text{year}} \times \frac{1 - 0.00}{\text{component}} \times \frac{1 \text{ ton}}{2,000 \text{ lb}} = 4.677 \text{ tpy}$$

**II. Speciated Emissions**

| Compound                   | Weight Fraction | Hourly (lb/hr) | Annual (tpy) |
|----------------------------|-----------------|----------------|--------------|
| Carbon Dioxide             | 0.50%           | 0.04           | 0.16         |
| Ethane                     | 1.41%           | 0.10           | 0.43         |
| Ethyl Mercaptan            | 0.00%           | 6.85E-05       | 3.00E-04     |
| Hydrogen Sulfide           | 0.00%           | 5.71E-05       | 2.50E-04     |
| Isobutane                  | 0.01%           | 3.98E-04       | 1.74E-03     |
| Methane                    | 97.35%          | 6.85           | 30.00        |
| n-butane                   | 0.01%           | 5.97E-04       | 2.61E-03     |
| Nitrogen                   | 0.65%           | 0.05           | 0.20         |
| Propane                    | 0.07%           | 4.98E-03       | 0.02         |
| <b>Total VOC Emissions</b> |                 | <b>0.006</b>   | <b>0.03</b>  |

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-9 SCR Delivery System Fugitives**

**I. Basis**

This represents fugitive components associated with the SCR delivery system. Emission factors utilized were the SOCM I w/o ethylene factors from *Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (APDG 6422), June 2018*. Component counts and average composition calculated from process flow diagrams and engineering counts. All open-ended lines are capped or blind-flanged. In accordance with TCEQ guidance, components under vacuum with a vapor pressure at least 0.725 psi below ambient are recorded though no emissions result from these components.

| Overall Fugitives Count and Total Emissions (EPN NH3FUG) |              |                 |                                                   |                                       |                      |                 |
|----------------------------------------------------------|--------------|-----------------|---------------------------------------------------|---------------------------------------|----------------------|-----------------|
| Equipment Type                                           | Service      | Component Count | Emission Factor <sup>1</sup><br>(lb/hr/component) | AVO<br>Control<br>Credit <sup>4</sup> | Controlled Emissions |                 |
|                                                          |              |                 |                                                   |                                       | Hourly<br>(lb/hr)    | Annual<br>(tpy) |
| Flange & Connectors                                      | Gas/Vapor    | 372             | 0.0029                                            | 97%                                   | 0.032                | 0.142           |
|                                                          | Light Liquid | 1,176           | 0.0005                                            | 97%                                   | 0.018                | 0.077           |
|                                                          | Heavy Liquid | 0               | 0.00007                                           | 97%                                   | 0.000                | 0.000           |
| Valves                                                   | Gas/Vapor    | 84              | 0.0089                                            | 97%                                   | 0.022                | 0.098           |
|                                                          | Light Liquid | 222             | 0.0035                                            | 97%                                   | 0.023                | 0.102           |
|                                                          | Heavy Liquid | 0               | 0.0007                                            | 97%                                   | 0.000                | 0.000           |
| Relief Valves <sup>2</sup>                               | Gas/Vapor    | 0               | 0.2293                                            | 97%                                   | 0.000                | 0.000           |
| Open Ended Lines <sup>3</sup>                            | All          | 0               | 0.004                                             | 97%                                   | 0.000                | 0.000           |
| Drains <sup>3</sup>                                      | All          | 0               | 0.004                                             | 97%                                   | 0.000                | 0.000           |
| Pump Seals                                               | Light Liquid | 6               | 0.0386                                            | 93%                                   | 0.016                | 0.071           |
|                                                          | Heavy Liquid | 0               | 0.0161                                            | 93%                                   | 0.000                | 0.000           |
| Compressor Seals                                         | All          | 0               | 0.5027                                            | 95%                                   | 0.000                | 0.000           |
| <b>Total (EPN NH3FUG)</b>                                |              |                 |                                                   |                                       | <b>0.11</b>          | <b>0.49</b>     |

[1] Emission factors utilized are for the SOCM I without ethylene program specified in "Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (APDG 6422)" dated June 2018.

[2] Relief valves are equipped with a rupture disc and pressure sensing device (between the valve and disc) to monitor for disc integrity. Therefore, 100% control efficiency applied as per, "Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (APDG 6422)" dated June 2018.

[3] Open-ended lines and drains at the facility are equipped with a cap and therefore 100% control efficiency applied as per, "Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (APDG 6422)" dated June 2018.

[4] Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (APDG 6422) dated June 2018.

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-9 SCR Delivery System Fugitives**

**I. Basis**

**Sample Calculations - Flange & Connectors in Light Liquid Service**

Maximum Hourly Emissions, lb/hr = (Number of Components) \* (Emission Factor, lb/hr/component) \* (1-Control Credit)

$$\text{lb/hr} = \frac{1,176 \text{ components}}{\text{component}} \times \frac{0.0005 \text{ lb/hr}}{\text{component}} \times \frac{1 - 0.97}{\text{component}} = 0.018 \text{ lb/hr}$$

Annual Emissions, tpy= (Number of Components) \* (EF, lb/hr/component) \* (Number of Hours/Year) \* (1-Control Credit) \* (1 ton per 2,000 lbs)

$$\text{tpy} = \frac{1,176 \text{ components}}{\text{component}} \times \frac{0.0005 \text{ lb/hr}}{\text{component}} \times \frac{8,760 \text{ hours}}{\text{year}} \times \frac{1 - 0.97}{\text{component}} \times \frac{1 \text{ ton}}{2,000 \text{ lb}} = 0.077 \text{ tpy}$$

**II. Speciated Emissions**

| Compound | Weight Fraction | Hourly (lb/hr) | Annual (tpy) |
|----------|-----------------|----------------|--------------|
| Ammonia  | 19.00%          | 0.02           | 0.09         |
| Water    | 81.00%          | 0.09           | 0.40         |

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-10a Diesel Storage Fixed Roof Tanks

I. Basis

Short-term emissions from the loading of storage tanks are estimated based on the TCEQ Air Permit Reviewer Reference Guide, APDG 6250v13, Released 02/20; "Estimating Short Term Emission Rates from Fixed Roof Tanks," Equation 1, which is based on the TCEQ's policy of using the Ideal Gas Law (IGL) assuming the maximum storage temperature and maximum filling rate. Annual emissions are calculated using factors for vertical fixed-roof tanks obtained from EPA document AP-42, Fifth Edition, Chapter 7. All fixed-roof tanks are uncontrolled.

II. Maximum Hourly Emissions

| Tank ID                     | EPN      | Tank Description | Material | Component | Component Liquid Mass Fraction (%) | FR <sub>M</sub>               | M <sub>v</sub> max                        | P <sub>v</sub> max            | Maximum Storage Temperature (°R) | Tank Size (gal) | Control Efficiency | Vapor VOC Mass Fraction | Maximum VOC Hourly Emissions (lb/hr) |
|-----------------------------|----------|------------------|----------|-----------|------------------------------------|-------------------------------|-------------------------------------------|-------------------------------|----------------------------------|-----------------|--------------------|-------------------------|--------------------------------------|
|                             |          |                  |          |           |                                    | Maximum Filling Rate (gal/hr) | Maximum Vapor Molecular Weight (lb/lbmol) | Maximum Vapor Pressure (psia) |                                  |                 |                    |                         |                                      |
| TNK-DSL1                    | TNK-DSL1 | Diesel Tank 1    | Diesel   | Diesel    | 100.00%                            | 2,000                         | 130.00                                    | 1.87E-02                      | 554.67                           | 25,000          | 0%                 | 100.00%                 | 1.09E-01                             |
| TNK-DSL2                    | TNK-DSL2 | Diesel Tank 2    | Diesel   | Diesel    | 100.00%                            | 2,000                         | 130.00                                    | 1.87E-02                      | 554.67                           | 25,000          | 0%                 | 100.00%                 | 1.09E-01                             |
| TNK-DSL3                    | TNK-DSL3 | Diesel Tank 3    | Diesel   | Diesel    | 100.00%                            | 2,000                         | 130.00                                    | 1.87E-02                      | 554.67                           | 25,000          | 0%                 | 100.00%                 | 1.09E-01                             |
| TNK-DSL4                    | TNK-DSL4 | Diesel Tank 4    | Diesel   | Diesel    | 100.00%                            | 2,000                         | 130.00                                    | 1.87E-02                      | 554.67                           | 25,000          | 0%                 | 100.00%                 | 1.09E-01                             |
| Total VOC Emissions (lb/hr) |          |                  |          |           |                                    |                               |                                           |                               |                                  |                 |                    |                         | 4.36E-01                             |

III. Annual Average Emissions

| Tank ID                   | EPN      | Tank Description | Material | Component | Component Liquid Mass Fraction (%) | M <sub>v</sub>                            | P <sub>vA</sub>                                             | Average Liquid Surface Temperature (°R) | Tank Size (gal) | Annual Throughput (gal/yr) | Control Efficiency | VOC Vapor Mass Fraction | Working Loss (lb/yr) | Breathing Loss (lb/yr) | Total Emissions (tpy) |
|---------------------------|----------|------------------|----------|-----------|------------------------------------|-------------------------------------------|-------------------------------------------------------------|-----------------------------------------|-----------------|----------------------------|--------------------|-------------------------|----------------------|------------------------|-----------------------|
|                           |          |                  |          |           |                                    | Average Vapor Molecular Weight (lb/lbmol) | Vapor Pressure at Average Liquid Surface Temperature (psia) |                                         |                 |                            |                    |                         |                      |                        |                       |
| TNK-DSL1                  | TNK-DSL1 | Diesel Tank 1    | Diesel   | Diesel    | 100.00%                            | 130.00                                    | 0.01                                                        | 519.33                                  | 25,000          | 250,000                    | 0%                 | 1.00E+00                | 4.957                | 4.848                  | 4.90E-03              |
| TNK-DSL2                  | TNK-DSL2 | Diesel Tank 2    | Diesel   | Diesel    | 100.00%                            | 130.00                                    | 0.01                                                        | 519.33                                  | 25,000          | 250,000                    | 0%                 | 1.00E+00                | 4.957                | 4.848                  | 4.90E-03              |
| TNK-DSL3                  | TNK-DSL3 | Diesel Tank 3    | Diesel   | Diesel    | 100.00%                            | 130.00                                    | 0.01                                                        | 519.33                                  | 25,000          | 250,000                    | 0%                 | 1.00E+00                | 4.957                | 4.848                  | 4.90E-03              |
| TNK-DSL4                  | TNK-DSL4 | Diesel Tank 4    | Diesel   | Diesel    | 100.00%                            | 130.00                                    | 0.01                                                        | 519.33                                  | 25,000          | 250,000                    | 0%                 | 1.00E+00                | 4.957                | 4.848                  | 4.90E-03              |
| Total VOC Emissions (tpy) |          |                  |          |           |                                    |                                           |                                                             |                                         |                 |                            |                    |                         |                      |                        | 1.96E-02              |



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August 2025

Appendix B-10b Diesel Storage Fixed Roof Tanks Summary

Fixed Roof Tanks Emissions Calculation Summary

| TANK IDENTIFICATION NUMBER:                                   | Diesel Tank 1 | Diesel Tank 2 | Diesel Tank 3 | Diesel Tank 4 |
|---------------------------------------------------------------|---------------|---------------|---------------|---------------|
| Material:                                                     | Diesel        | Diesel        | Diesel        | Diesel        |
| Emission Point Number:                                        | TNK-DSL1      | TNK-DSL2      | TNK-DSL3      | TNK-DSL4      |
| Facility Identification Number:                               | TNK-DSL1      | TNK-DSL2      | TNK-DSL3      | TNK-DSL4      |
| <b>I. EMISSIONS SUMMARY</b>                                   |               |               |               |               |
| TOTAL ANNUAL EMISSIONS (TPY):                                 | 0.005         | 0.005         | 0.005         | 0.005         |
| VOC EMISSIONS (TPY):                                          | 0.00          | 0.00          | 0.00          | 0.00          |
| NON-VOC EMISSIONS (TPY):                                      | 0.00          | 0.00          | 0.00          | 0.00          |
| MAXIMUM HOURLY EMISSIONS (lb/hr):                             | 0.11          | 0.11          | 0.11          | 0.11          |
| VOC EMISSIONS (lb/hr):                                        | 0.11          | 0.11          | 0.11          | 0.11          |
| NON-VOC EMISSIONS (lb/hr):                                    | 0.00E+00      | 0.00E+00      | 0.00E+00      | 0.00E+00      |
| AP-42 Annual Breathing Losses (lb/yr):                        | 4.85          | 4.85          | 4.85          | 4.85          |
| AP-42 Annual Working Losses (lb/yr):                          | 4.96          | 4.96          | 4.96          | 4.96          |
| <b>II. TANK PROPERTIES</b>                                    |               |               |               |               |
| Vapor Control Efficiency (%):                                 | 0.00%         | 0.00%         | 0.00%         | 0.00%         |
| Nominal Tank Capacity (gal):                                  | 25,000        | 25,000        | 25,000        | 25,000        |
| Tank Diameter (ft):                                           | 12.00         | 12.00         | 12.00         | 12.00         |
| Shell Length/Height (ft):                                     | 30.00         | 30.00         | 30.00         | 30.00         |
| Tank Shell Color:                                             | White         | White         | White         | White         |
| Tank Roof Color:                                              | White         | White         | White         | White         |
| Paint Condition:                                              | Average       | Average       | Average       | Average       |
| Tank Orientation:                                             | Vertical      | Vertical      | Vertical      | Vertical      |
| Tank Insulation:                                              | Not Insulated | Not Insulated | Not Insulated | Not Insulated |
| Tank Pressure Vent Setting (psig):                            | 0.03          | 0.03          | 0.03          | 0.03          |
| Tank Vacuum Vent Setting (psig):                              | -0.03         | -0.03         | -0.03         | -0.03         |
| <b>III. MATERIAL PROPERTIES</b>                               |               |               |               |               |
| Vapor Pressure @ Avg. Daily Liquid Temp. (psia):              | 0.01          | 0.01          | 0.01          | 0.01          |
| Vapor Pressure @ Avg. Daily Max. Surface Liq.Temp. (psia):    | 0.01          | 0.01          | 0.01          | 0.01          |
| Vapor Pressure @ Avg. Daily Min.Surface Liq.Temp. (psia):     | 0.00          | 0.00          | 0.00          | 0.00          |
| Vapor Molecular Weight@Avg Surface Temperature (lb/lb-mole):  | 130.00        | 130.00        | 130.00        | 130.00        |
| Vapor Pressure @ Max. Storage Temp. (psia):                   | 0.02          | 0.02          | 0.02          | 0.02          |
| Vapor Molecular Weight@ Max Storage Temperature (lb/lb-mole): | 130.00        | 130.00        | 130.00        | 130.00        |
| <b>IV. OPERATING CONDITIONS</b>                               |               |               |               |               |
| Location:                                                     | Amarillo, TX  | Amarillo, TX  | Amarillo, TX  | Amarillo, TX  |
| Average Daily Max. Ambient Temp (°F):                         | 70.30         | 70.30         | 70.30         | 70.30         |
| Average Daily Min. Ambient Temp (°F):                         | 44.70         | 44.70         | 44.70         | 44.70         |
| Average Liquid Surface Temperature (°F):                      | 59.66         | 59.66         | 59.66         | 59.66         |
| Maximum Liquid Surface Temperature (°F):                      | 66.84         | 66.84         | 66.84         | 66.84         |
| Minimum Liquid Surface Temperature (°F):                      | 52.47         | 52.47         | 52.47         | 52.47         |
| Maximum Storage Temperature (°F):                             | 95.00         | 95.00         | 95.00         | 95.00         |
| Average Liquid Height (ft):                                   | 14.50         | 14.50         | 14.50         | 14.50         |
| Maximum Liquid Height (ft):                                   | 29.00         | 29.00         | 29.00         | 29.00         |
| Annual Throughput (gal/yr):                                   | 250,000       | 250,000       | 250,000       | 250,000       |
| Number of Turnovers per Year:                                 | 10.55         | 10.55         | 10.55         | 10.55         |
| Maximum Filling Rate (gal/hr):                                | 2,000         | 2,000         | 2,000         | 2,000         |
| <b>V. AP-42, CHAPTER 7 FACTORS</b>                            |               |               |               |               |
| Tank Roof Paint Solar Absorptance Factor:                     | 0.25          | 0.25          | 0.25          | 0.25          |
| Tank Shell Paint Solar Absorptance Factor:                    | 0.25          | 0.25          | 0.25          | 0.25          |
| Avg Daily Total Solar Insolation Factor:                      | 1634.00       | 1634.00       | 1634.00       | 1634.00       |
| Annual Tank Turnover Factor (Kn):                             | 1.00          | 1.00          | 1.00          | 1.00          |
| Vented Vapor Saturation Factor (Ks):                          | 0.99          | 0.99          | 0.99          | 0.99          |
| Vapor Space Expansion Factor (Ke):                            | 0.05          | 0.05          | 0.05          | 0.05          |
| Vent Setting Correction Factor (Kb):                          | 1.00          | 1.00          | 1.00          | 1.00          |
| Working Loss Product Factor (Kp):                             | 1.00          | 1.00          | 1.00          | 1.00          |



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NSR Air Permit Application Project Matador  
August 2025

Appendix B-10c Diesel Storage Fixed Roof Tanks Sample Calculation

Vertical Fixed Roof Tank Sample Calc

**Basis** Fixed Roof tank emissions calculations are based on the methodology presented in AP-42 Chapter 7. The short-term emissions are calculated using the methodology described in TCEQ Memo "Estimating Short Term Emission Rates from Tanks" (APDG 6250v1, Released 09/14).

**Tank Selection** Diesel Tank 1

Known Parameters

|                    |                                                                          |               |
|--------------------|--------------------------------------------------------------------------|---------------|
| T <sub>AX</sub>    | Daily Maximum Ambient Temperature (°F)                                   | 70.30         |
| T <sub>AX</sub>    | Daily Maximum Ambient Temperature (°R)                                   | 529.97        |
| T <sub>AN</sub>    | Daily Minimum Ambient Temperature (°F)                                   | 44.70         |
| T <sub>AN</sub>    | Daily Minimum Ambient Temperature (°R)                                   | 504.37        |
| T <sub>AA</sub>    | Daily Average Ambient Temperature (°F)                                   | 57.50         |
| T <sub>AA</sub>    | Daily Average Ambient Temperature (°R)                                   | 517.17        |
| α <sub>s</sub>     | Tank Shell Paint Solar Absorptance                                       | 0.25          |
| α <sub>r</sub>     | Tank Roof Paint Solar Absorptance                                        | 0.25          |
| -                  | Tank Insulation                                                          | Not Insulated |
| -                  | Paint Condition                                                          | Average       |
| I                  | Daily Total Solar Insolation Factor (Btu/ft <sup>2</sup> -day)           | 1634.00       |
| D                  | Tank Diameter (ft)                                                       | 12.00         |
| R                  | Ideal Gas Constant (psia ft^3 / lbmol R)                                 | 10.731        |
| P <sub>A</sub>     | Atmospheric Pressure (psi)                                               | 12.95         |
| Q                  | Annual Net Throughput (bbl/yr)                                           | 5,952         |
| V <sub>Q</sub>     | Annual Net Throughput (ft3/yr)                                           | 33,420        |
| M <sub>v</sub>     | Average Vapor Molecular Weight (lb/lb-mol)                               | 130.00        |
| P <sub>va</sub>    | Vapor Pressure at Daily Average Surface Temperature (psia)               | 6.37E-03      |
| P <sub>vx</sub>    | Vapor Pressure at Daily Maximum Surface Temperature (psia)               | 8.09E-03      |
| P <sub>vn</sub>    | Vapor Pressure at Daily Minimum Surface Temperature (psia)               | 4.95E-03      |
| T <sub>B</sub>     | Bulk Temperature (°R)                                                    | 518.40        |
| P <sub>V-MAX</sub> | Vapor Pressure at Maximum Storage Temperature (psia)                     | 1.87E-02      |
| M <sub>v</sub>     | Vapor Molecular Weight at Maximum Hourly Storage Temperature (lb/lb-mol) | 130.00        |
| --                 | Maximum Storage Temperature (°F)                                         | 554.67        |
| FR <sub>m</sub>    | Maximum Hourly Filling Rate (gal/hr)                                     | 2000.00       |
| DRE                | Control Efficiency                                                       | 0.00%         |
| K <sub>p</sub>     | Working Loss Product Factor for Fixed Roof Tanks                         | 1.00          |
| P <sub>BP</sub>    | Breather Vent Pressure Setting (psi)                                     | 0.03          |
| P <sub>BV</sub>    | Breather Vent Vacuum Setting (psi)                                       | -0.03         |
| H <sub>S</sub>     | Tank Shell Height (ft)                                                   | 30.00         |
| H <sub>L</sub>     | Liquid Height (ft)                                                       | 14.50         |
| H <sub>LX</sub>    | Maximum Liquid Height (ft)                                               | 29.00         |
| -                  | Tank Roof Type                                                           | Cone          |
| S <sub>R</sub>     | Tank Roof Slope (ft/ft)                                                  | 0.0625        |
| R <sub>S</sub>     | Tank Shell Radius (ft)                                                   | 6.00          |

Calculations:

Vapor Space Volume (ft^3)

$$V_V = \pi/4 * D^2 * H_{VO}$$
$$V_V =$$

|        |         |             |   |         |      |
|--------|---------|-------------|---|---------|------|
| 3.1416 | 12^2 ft | 1.56E+01 ft | = | 1767.15 | ft^3 |
| 4      |         |             |   |         |      |

Vapor Space Outage (ft)

$$H_{VO} = H_S - H_L + H_{RO}$$
$$H_{VO} =$$

|       |   |          |   |             |   |         |    |
|-------|---|----------|---|-------------|---|---------|----|
| 30 ft | - | 14.50 ft | + | 1.25E-01 ft | = | 15.6250 | ft |
|       |   |          |   |             |   |         |    |

Tank Roof Height (ft) - Cone Roof

$$H_R = S_R \times R_S$$
$$H_R =$$

|      |   |      |   |          |    |
|------|---|------|---|----------|----|
| 0.06 | x | 6.00 | = | 3.75E-01 | ft |
|------|---|------|---|----------|----|

Roof Outage (ft) - Cone

### Appendix B-10c Diesel Storage Fixed Roof Tanks Sample Calculation

Tank Maximum Liquid Volume (ft<sup>3</sup>)

Number of Turnovers Per Year

### Turnover Factor

Daily Average Liquid Surface Temperature (°R)

Daily Maximum Liquid Surface Temperature (°R)

Daily Minimum Liquid Surface Temperature (°R)

Daily Average Ambient Temperature (°R)

Liquid Bulk Temperature (°R)

Daily Ambient Temperature Range (°R)

Average Daily Vapor Temperature (°R)

Average Daily Vapor Temperature Range (°R)

$$\Delta T_{VP} \text{ Partial Insulation} = 0$$



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August 2025

Appendix B-10c Diesel Storage Fixed Roof Tanks Sample Calculation

$$\Delta P_V = 8.09E-03 \text{ psia} - 4.95E-03 \text{ psia} = 3.14E-03 \text{ psia}$$

Breather Vent Pressure Setting Range  
 $\Delta P_B = P_{BP} - P_{BV}$

$$\Delta P_B = 0.03 \text{ psia} - -0.03 \text{ psia} = 6.00E-02 \text{ psia}$$

Vapor Density (lb/ft^3)  
 $W_V = M_V \cdot P_{VA} / R \cdot T_V$   
 $W_V =$

|              |               |                  |          |   |          |      |
|--------------|---------------|------------------|----------|---|----------|------|
| 130 lb/lbmol | 6.37E-03 psia | lbmol °R         | 1        | = | 1.48E-04 | lb   |
|              |               | 10.731 psia ft^3 | 520.26 R |   |          | ft^3 |

Vapor Space Expansion Factor  
For vapor pressure >0.1 psi,  $K_E = \Delta T_V / T_{LA} + (\Delta P_V - \Delta P_B) / (P_A - P_{VA})$  (Equation 1.5)

$$K_E = \frac{28.74}{519.33} \frac{R}{R} + \frac{3.14E-03 \text{ psi} - 0.06 \text{ psi}}{13.0 \text{ psi} - 6.37E-03 \text{ psi}} = \text{####}$$

Note, a negative  $K_E$  indicates no standing losses will occur.

Vented Vapor Saturation Factor  
 $K_S = 1 / (1 + 0.053 P_{VA} H_{VO})$   
 $K_S =$

|                                      |   |          |
|--------------------------------------|---|----------|
| 1                                    | = | 9.95E-01 |
| 1 + 0.053 * 6.37E-03 psia * 15.63 ft |   |          |

Vent Setting Correction Factor  
When breather vents greater than 0.03 psig use the following equation to calculate vent setting correction factor

When

$$K_N \left[ \frac{P_{BP} + P_A}{P_I + P_A} \right] > 1.0$$
$$K_B = \left[ \frac{\frac{P_I + P_A}{K_N} - P_{VA}}{P_{BP} + P_A - P_{VA}} \right] = 1.00$$

Standing Storage Losses (lb/yr):  
 $L_S = 365 W_V V_V K_E K_S$

$$L_S = 365 \cdot 1.48E-04 \text{ lb/ft}^3 \cdot 1767.15 \text{ ft}^3 \cdot 5.09E-02 \cdot 9.95E-01 = 4.85E+00 \text{ lb/year}$$

Working Losses (lb/yr):  
 $L_W = V_Q K_N K_P W_V K_B$

$$L_W = \frac{33420.14 \text{ ft}^3}{\text{year}} \cdot 1.00 \cdot 1.00 \cdot \frac{1.48E-04 \text{ lb}}{\text{ft}^3} \cdot 1 \cdot \text{year} = 4.9567E+00 \frac{\text{lb}}{\text{year}}$$

Total Losses (lb/yr):  
 $L_T = L_S + L_W$

$$L_T = \frac{4.85E+00 \text{ lb}}{\text{year}} + \frac{4.96E+00 \text{ lb}}{\text{year}} = 9.805E+00 \frac{\text{lb}}{\text{year}} = 4.90E-03 \frac{\text{tons}}{\text{year}}$$

Total Losses - Controlled (ton/yr):  
 $L_{TCont} = L_T \cdot (100\% - DRE)$

$$L_{TCont} = 4.90E-03 \frac{\text{tons}}{\text{year}} \cdot (100\% - 00\%) = 4.90E-03 \frac{\text{tons}}{\text{year}}$$

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August 2025

Appendix B-10c Diesel Storage Fixed Roof Tanks Sample Calculation

Hourly Emissions

Maximum Hourly Losses (lb/hr):

Maximum Hourly Fill Rate  
FR<sub>M</sub>=

2,000.00

gal  
hr

L<sub>MAX</sub>=

M<sub>V,MAX</sub> x P<sub>VMAX</sub> x FR<sub>M</sub>  
R x T

L<sub>MAX</sub>=

130 lb  
lb-mol

1.87E-02 psia

lb-mole °R  
80.273 psia gal

554.67 °R

2000 gal  
hr

=

1.09E-01

lb  
hr

Maximum Hourly Losses - Controlled (lb/hr):

L<sub>MaxCont</sub> = L<sub>Max</sub> \* DRE

L<sub>MaxCont</sub> =

1.09E-01

lb  
hr

(100% - 00%)

=

1.09E-01

lb  
hr

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August 2025

Appendix B-11 Sulfur Hexafluoride (SF6) Insulated Equipment

I. Basis

Emissions of sulfur hexafluoride (SF<sub>6</sub>) from electrical equipment such as generator circuit breakers and high voltage breakers associated with the proposed units were calculated using the estimated circuit breaker SF<sub>6</sub> content and an engineering-estimated annual leakage rate. The Global Warming Potential (GWP) was obtained from EPA's Greenhouse Gas Reporting Program (GHGRP) codified at 40 CFR Part 98.

| Unit                    | Circuit Breaker SF6 Capacity (lbs) | Number of Units | Total Capacity (lbs) | Annual Leakage Rate (%) | SF6 Global Warming Potential (GWP) | SF6 Emissions (lbs/year) | CO <sub>2</sub> e Emissions (Metric Tonnes) | CO <sub>2</sub> e Emissions (Short Tons) |
|-------------------------|------------------------------------|-----------------|----------------------|-------------------------|------------------------------------|--------------------------|---------------------------------------------|------------------------------------------|
| 250 kV Circuit Breakers | 250                                | 450             | 112,500              | 1.00%                   | 23,500                             | 1,125                    | 11,991.85                                   | 13,218.75                                |
| 50 kV Circuit Breakers  | 250                                | 200             | 50,000               | 1.00%                   | 23,500                             | 500                      | 5,329.71                                    | 5,875.00                                 |
| Total                   |                                    |                 |                      |                         |                                    | 1,625                    | 17,322                                      | 19,094                                   |

II. Example Calculations - 230 kV Circuit Breakers

Example Metric Tonnes Emission Calculation (CO<sub>2</sub>e)

|     |      |     |       |                                     |      |        |
|-----|------|-----|-------|-------------------------------------|------|--------|
| 250 | lb   | 450 | units | kg                                  | 1.0% | 23,500 |
|     | unit |     |       | 2.20                                | lb   |        |
|     | 1    | ton | =     | 11,991.85 tpy SF6 CO <sub>2</sub> e |      |        |
|     | 1000 | kg  |       |                                     |      |        |



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**August 2025**

**Appendix B-12 GHG Emissions**

**I. Basis**

GHG emissions are calculated by taking the total natural gas and other fuel usage and emission factors for fuel combustion from 40-CFR 98. Global warming potentials from IPCC AR5 are utilized to calculated potential CO2 equivalent emissions.

| FIN      | EPN      | Fuel Type   | Usage (MMBtu) | CO <sub>2</sub> Emission<br>Factor (kg<br>CO <sub>2</sub> /MMBtu) | CH <sub>4</sub> Emission<br>Factor (kg<br>CH <sub>4</sub> /MMBtu) | N <sub>2</sub> O Emission<br>Factor (kg<br>N <sub>2</sub> O/MMBtu) | CH <sub>4</sub> GWP | N <sub>2</sub> O GWP | CO <sub>2</sub> Metric<br>Tonnes | CH <sub>4</sub> Metric<br>Tonnes | N <sub>2</sub> O Metric<br>Tonnes | CO2e (Metric<br>Tonnes) | CO2e (Short Tons) |
|----------|----------|-------------|---------------|-------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|----------------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|-------------------|
| HRSGA-1  | HRSGA-1  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-2  | HRSGA-2  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-3  | HRSGA-3  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-4  | HRSGA-4  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-5  | HRSGA-5  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-6  | HRSGA-6  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-7  | HRSGA-7  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-8  | HRSGA-8  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-9  | HRSGA-9  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-10 | HRSGA-10 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-11 | HRSGA-11 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-12 | HRSGA-12 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-13 | HRSGA-13 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-14 | HRSGA-14 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-15 | HRSGA-15 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-16 | HRSGA-16 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-17 | HRSGA-17 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGA-18 | HRSGA-18 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-1  | HRSGB-1  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-2  | HRSGB-2  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-3  | HRSGB-3  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-4  | HRSGB-4  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-5  | HRSGB-5  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-6  | HRSGB-6  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-7  | HRSGB-7  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-8  | HRSGB-8  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-9  | HRSGB-9  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-10 | HRSGB-10 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-11 | HRSGB-11 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-12 | HRSGB-12 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-13 | HRSGB-13 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-14 | HRSGB-14 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-15 | HRSGB-15 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-16 | HRSGB-16 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-17 | HRSGB-17 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGB-18 | HRSGB-18 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRS GC-1 | HRS GC-1 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRS GC-2 | HRS GC-2 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRS GC-3 | HRS GC-3 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRS GC-4 | HRS GC-4 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRS GC-5 | HRS GC-5 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-12 GHG Emissions**

**I. Basis**

GHG emissions are calculated by taking the total natural gas and other fuel usage and emission factors for fuel combustion from 40-CFR 98. Global warming potentials from IPCC AR5 are utilized to calculated potential CO2 equivalent emissions.

| FIN       | EPN       | Fuel Type   | Usage (MMBtu) | CO <sub>2</sub> Emission<br>Factor (kg<br>CO <sub>2</sub> /MMBtu) | CH <sub>4</sub> Emission<br>Factor (kg<br>CH <sub>4</sub> /MMBtu) | N <sub>2</sub> O Emission<br>Factor (kg<br>N <sub>2</sub> O/MMBtu) | CH <sub>4</sub> GWP | N <sub>2</sub> O GWP | CO <sub>2</sub> Metric<br>Tonnes | CH <sub>4</sub> Metric<br>Tonnes | N <sub>2</sub> O Metric<br>Tonnes | CO <sub>2</sub> e (Metric<br>Tonnes) | CO <sub>2</sub> e (Short Tons) |
|-----------|-----------|-------------|---------------|-------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|----------------------|----------------------------------|----------------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| HRS GC-6  | HRS GC-6  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-7  | HRS GC-7  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-8  | HRS GC-8  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-9  | HRS GC-9  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-10 | HRS GC-10 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-11 | HRS GC-11 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-12 | HRS GC-12 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-13 | HRS GC-13 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-14 | HRS GC-14 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-15 | HRS GC-15 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-16 | HRS GC-16 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-17 | HRS GC-17 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GC-18 | HRS GC-18 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-1  | HRS GD-1  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-2  | HRS GD-2  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-3  | HRS GD-3  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-4  | HRS GD-4  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-5  | HRS GD-5  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-6  | HRS GD-6  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-7  | HRS GD-7  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-8  | HRS GD-8  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-9  | HRS GD-9  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-10 | HRS GD-10 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-11 | HRS GD-11 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-12 | HRS GD-12 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-13 | HRS GD-13 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-14 | HRS GD-14 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-15 | HRS GD-15 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-16 | HRS GD-16 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-17 | HRS GD-17 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GD-18 | HRS GD-18 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-1  | HRS GE-1  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-2  | HRS GE-2  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-3  | HRS GE-3  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-4  | HRS GE-4  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-5  | HRS GE-5  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-6  | HRS GE-6  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-7  | HRS GE-7  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-8  | HRS GE-8  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-9  | HRS GE-9  | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |
| HRS GE-10 | HRS GE-10 | Natural Gas | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                              | 261,802                        |

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-12 GHG Emissions**

**I. Basis**

GHG emissions are calculated by taking the total natural gas and other fuel usage and emission factors for fuel combustion from 40-CFR 98. Global warming potentials from IPCC AR5 are utilized to calculated potential CO2 equivalent emissions.

| FIN      | EPN      | Fuel Type           | Usage (MMBtu) | CO <sub>2</sub> Emission<br>Factor (kg<br>CO <sub>2</sub> /MMBtu) | CH <sub>4</sub> Emission<br>Factor (kg<br>CH <sub>4</sub> /MMBtu) | N <sub>2</sub> O Emission<br>Factor (kg<br>N <sub>2</sub> O/MMBtu) | CH <sub>4</sub> GWP | N <sub>2</sub> O GWP | CO <sub>2</sub> Metric<br>Tonnes | CH <sub>4</sub> Metric<br>Tonnes | N <sub>2</sub> O Metric<br>Tonnes | CO2e (Metric<br>Tonnes) | CO2e (Short Tons) |
|----------|----------|---------------------|---------------|-------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|----------------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|-------------------|
| HRSGE-11 | HRSGE-11 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-12 | HRSGE-12 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-13 | HRSGE-13 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-14 | HRSGE-14 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-15 | HRSGE-15 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-16 | HRSGE-16 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-17 | HRSGE-17 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| HRSGE-18 | HRSGE-18 | Natural Gas         | 4,471,520     | 53.06                                                             | 0.001                                                             | 0.0001                                                             | 28                  | 265                  | 237,259                          | 4                                | 0.4                               | 237,503                 | 261,802           |
| FPUMP1   | FPUMP1   | Diesel              | 245           | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 18                               | 7.35E-04                         | 1.47E-04                          | 18                      | 20                |
| FPUMP2   | FPUMP2   | Diesel              | 245           | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 18                               | 7.35E-04                         | 1.47E-04                          | 18                      | 20                |
| EGEN1    | EGEN1    | Diesel              | 3,150         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 233                              | 0.009                            | 0.002                             | 234                     | 258               |
| EGEN2    | EGEN2    | Diesel              | 3,150         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 233                              | 0.009                            | 0.002                             | 234                     | 258               |
| EGEN3    | EGEN3    | Diesel              | 3,150         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 233                              | 0.009                            | 0.002                             | 234                     | 258               |
| EGEN4    | EGEN4    | Diesel              | 3,150         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 233                              | 0.009                            | 0.002                             | 234                     | 258               |
| EGEN5    | EGEN5    | Diesel              | 3,150         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 233                              | 0.009                            | 0.002                             | 234                     | 258               |
| EGEN6    | EGEN6    | Diesel              | 3,150         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 233                              | 0.009                            | 0.002                             | 234                     | 258               |
| ENGINE-1 | ENGINE-1 | Natural Gas         | 1,400         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 104                              | 0.004                            | 0.001                             | 104                     | 115               |
| ENGINE-2 | ENGINE-2 | Natural Gas         | 1,400         | 73.96                                                             | 0.003                                                             | 0.0006                                                             | 28                  | 265                  | 104                              | 0.004                            | 0.001                             | 104                     | 115               |
| FUG-SF6  | FUG-SF6  | Sulfur Hexafluoride | --            | --                                                                | --                                                                | --                                                                 | --                  | --                   | --                               | --                               | --                                | 17,322                  | 19,094            |
| MSSFUG   | MSSFUG   |                     | --            | --                                                                | --                                                                | --                                                                 | 28                  | 265                  | 0.05                             | 9.88                             | 0                                 | 277                     | 305               |
| NGFUG    | NGFUG    | --                  | --            | --                                                                | --                                                                | --                                                                 | 28                  | 265                  | 0.14                             | 27                               | 0                                 | 762                     | 840               |
| Total    |          |                     |               |                                                                   |                                                                   |                                                                    |                     |                      |                                  |                                  |                                   | 21,395,237              | 23,584,211        |



**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-13 Maintenance Activities**

**HOURLY EMISSIONS**

| Maintenance Activity                 | Appendix Calculation Table | Estimated Hourly Emissions (lb/hr) |                 |                 |                  |                   |                 |                 |                  |                 |                 |
|--------------------------------------|----------------------------|------------------------------------|-----------------|-----------------|------------------|-------------------|-----------------|-----------------|------------------|-----------------|-----------------|
|                                      |                            | NOx                                | CO              | PM              | PM <sub>10</sub> | PM <sub>2.5</sub> | VOC             | NH <sub>3</sub> | H <sub>2</sub> S | CO <sub>2</sub> | CH <sub>4</sub> |
| Air Intake Filter Maintenance        | B-17a                      |                                    |                 | 3.92E-01        | 1.85E-01         | 2.81E-02          |                 |                 |                  |                 |                 |
| CEMS Calibration                     | B-17b                      | 1.08E-02                           | 6.54E-03        |                 |                  |                   |                 | 3.97E-03        |                  |                 |                 |
| Analytical Equipment                 | B-17c                      |                                    |                 |                 |                  |                   | 2.61E-01        |                 |                  |                 |                 |
| Sludge Maintenance                   | B-17d                      |                                    |                 |                 |                  |                   | 2.98E-01        |                 |                  |                 |                 |
| Small Equipment Maintenance – NH3    | B-17e                      |                                    |                 |                 |                  |                   |                 | 3.22E-01        |                  |                 |                 |
| Small Equipment Maintenance – Low VP | B-17f                      |                                    |                 |                 |                  |                   | 7.13E-01        |                 |                  |                 |                 |
| Gaseous Fuel Venting                 | B-17g                      |                                    |                 |                 |                  |                   | 1.43E-02        |                 | 1.19E-02         | 7.40E+00        | 1.43E+03        |
| Offline Turbine Washing              | B-17h                      |                                    |                 |                 |                  |                   | 6.85E+00        |                 |                  |                 |                 |
|                                      | <b>Totals</b>              | <b>1.08E-02</b>                    | <b>6.54E-03</b> | <b>3.92E-01</b> | <b>1.85E-01</b>  | <b>2.81E-02</b>   | <b>8.14E+00</b> | <b>3.26E-01</b> | <b>1.19E-02</b>  | <b>7.40E+00</b> | <b>1.43E+03</b> |

**ANNUAL EMISSIONS**

| Maintenance Activity                 | Appendix Calculation Table | Estimated Annual Emissions (TPY) |                 |                 |                  |                   |                 |                 |                  |                 |                 |
|--------------------------------------|----------------------------|----------------------------------|-----------------|-----------------|------------------|-------------------|-----------------|-----------------|------------------|-----------------|-----------------|
|                                      |                            | NOx                              | CO              | PM              | PM <sub>10</sub> | PM <sub>2.5</sub> | VOC             | NH <sub>3</sub> | H <sub>2</sub> S | CO <sub>2</sub> | CH <sub>4</sub> |
| Air Intake Filter Maintenance        | B-17a                      |                                  |                 | 1.18E-03        | 5.56E-04         | 8.42E-05          |                 |                 |                  |                 |                 |
| CEMS Calibration                     | B-17b                      | 9.68E-03                         | 5.89E-03        |                 |                  |                   |                 | 3.58E-03        |                  |                 |                 |
| Analytical Equipment                 | B-17c                      |                                  |                 |                 |                  |                   | 6.53E-04        |                 |                  |                 |                 |
| Sludge Maintenance                   | B-17d                      |                                  |                 |                 |                  |                   | 5.80E-02        |                 |                  |                 |                 |
| Small Equipment Maintenance – NH3    | B-17e                      |                                  |                 |                 |                  |                   |                 | 8.05E-04        |                  |                 |                 |
| Small Equipment Maintenance – Low VP | B-17f                      |                                  |                 |                 |                  |                   | 9.27E-03        |                 |                  |                 |                 |
| Gaseous Fuel Venting                 | B-17g                      |                                  |                 |                 |                  |                   | 9.88E-05        |                 | 8.23E-05         | 5.11E-02        | 9.88E+00        |
| Offline Turbine Washing              | B-17h                      |                                  |                 |                 |                  |                   | 1.24E+00        |                 |                  |                 |                 |
|                                      | <b>Totals</b>              | <b>9.68E-03</b>                  | <b>5.89E-03</b> | <b>1.18E-03</b> | <b>5.56E-04</b>  | <b>8.42E-05</b>   | <b>1.31E+00</b> | <b>4.38E-03</b> | <b>8.23E-05</b>  | <b>5.11E-02</b> | <b>9.88E+00</b> |

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-13a Air Intake Filter**

**I. Basis**

During air intake filter maintenance, particulate emissions will be generated due to handling of particles dislodged from the filter. Emissions are calculated using EPA AP-42 Chapter 13.2.4 "Aggregate Handling and Storage Piles".

| Variables                                                                  |                                             |         | Source/Notes/Assumptions                                                                            |
|----------------------------------------------------------------------------|---------------------------------------------|---------|-----------------------------------------------------------------------------------------------------|
| E                                                                          | Emission Factor (lb PM/ton)                 | 0.01742 |                                                                                                     |
| E                                                                          | Emission Factor (lb PM <sub>10</sub> /ton)  | 0.00824 |                                                                                                     |
| E                                                                          | Emission Factor (lb PM <sub>2.5</sub> /ton) | 0.00125 |                                                                                                     |
| $E(lb\ per\ ton) = k \times (0.0032) \times \frac{U}{(\frac{M}{2})^{1.4}}$ |                                             |         | Based on U.S. EPA AP-42, 13.2.4 "Aggregate Handling and Storage Piles" (Equation 1).                |
| U                                                                          | Mean Wind Speed (mph)                       | 11      | The mean wind speed is from the average windspeed for Midland, TX obtained from AP-42, Table 7.1-7. |
| M                                                                          | Material Moisture Content (%)               | 1       | Estimate based on process knowledge                                                                 |
| K (PM)                                                                     | TSP Particle Size Multiplier                | 0.74    | Particle size multiplier taken from AP-42, Chapter 13.2.4.                                          |
| K (PM <sub>10</sub> )                                                      | PM <sub>10</sub> Particle Size Multiplier   | 0.35    | Particle size multiplier taken from AP-42, Chapter 13.2.4.                                          |
| K (PM <sub>2.5</sub> )                                                     | PM <sub>2.5</sub> Particle Size Multiplier  | 0.05    | Particle size multiplier taken from AP-42, Chapter 13.2.4.                                          |
| CE                                                                         | Control Efficiency                          | 0%      | Assumed Control Efficiency.                                                                         |
| -                                                                          | Material per filter change (lb)             | 1.00    | Process knowledge estimate                                                                          |
| -                                                                          | Hourly Throughput (ton/hr)                  | 22.50   | Assumed hourly throughput and 500 filter changeouts/hour/turbine.                                   |
| -                                                                          | Annual Throughput (tons/yr)                 | 135.00  | Assumed 3,000 filters/yr/turbine.                                                                   |

| Emission Summary                                    |      | Source/Notes/Assumptions                                 |
|-----------------------------------------------------|------|----------------------------------------------------------|
| Frequency Routine Maintenance (activity/hr/turbine) | 500  | Assume conservative 500 activities per hour per turbine. |
| Frequency Routine Maintenance (activity/yr/turbine) | 3000 | Assume maximum activity every year per turbine           |
| Number of Turbines                                  | 90   |                                                          |

| Misc. Filter      | lb/hr    | tpy      |
|-------------------|----------|----------|
| PM                | 3.92E-01 | 1.18E-03 |
| PM <sub>10</sub>  | 1.85E-01 | 5.56E-04 |
| PM <sub>2.5</sub> | 2.81E-02 | 8.42E-05 |

**Notes:**

1. The emission calculations above represent the worst case emissions that could occur on a "per filter change" basis.

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-13b CEMS Calibration**

**I. Basis**

During CEMS calibration, various calibration gasses will be utilized. This calibration gas is released to the atmosphere as part of the activity. Emissions are calculated based on the concentration of the calibration gas as well as the quantity utilized.

| Activity                | Max<br>Concentration <sup>1</sup><br>ppm | Flow Rate<br>scfm | Duration<br>Per Event<br>min | Number of<br>Turbines | Event Frequency |        | Emissions |          |
|-------------------------|------------------------------------------|-------------------|------------------------------|-----------------------|-----------------|--------|-----------|----------|
|                         |                                          |                   |                              |                       | per hr          | per yr | lb/hr     | tpy      |
| NO <sub>x</sub> Cal Gas | 1000                                     | 1                 | 1                            | 90                    | 90              | 1800   | 1.08E-02  | 9.68E-03 |
| CO Cal Gas              | 1000                                     | 1                 | 1                            |                       | 90              | 1800   | 6.54E-03  | 5.89E-03 |
| NH <sub>3</sub> Cal Gas | 1000                                     | 1                 | 1                            |                       | 90              | 1800   | 3.97E-03  | 3.58E-03 |

**Notes:**

**Sample Calculation: NO<sub>x</sub> CEMS Calibration Hourly Emissions**

1000 lbmol NO<sub>x</sub>/1000000 lbmol Gas \* 46 lb NO<sub>x</sub>/lbmol NO<sub>x</sub> \* 1bmol Gas/385.1 scf \* 1 scf/min \* 1 min/event \* 1 events/hr \* 9 turbines = 0.0108 lb/hr

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-13c Analytical Equipment**

**I. Basis**

During maintenance of analytical equipment, emissions are generated by residual product clingage, liquid loading, and evaporation. Emissions are calculated using analytical equipment sizing based on historical information and process knowledge. As only non-water liquid handled is diesel, this has been used as the basis.

**Step 1. Clingage Loss Calculation:**

| Variables                            |                                |          | Source/Notes/Assumptions                                                                  |
|--------------------------------------|--------------------------------|----------|-------------------------------------------------------------------------------------------|
| Lc                                   | Clingage Loss (lb/activity)    |          |                                                                                           |
| $L_C = A_S \times T_f \times D$      |                                |          |                                                                                           |
| A <sub>s</sub>                       | Surface Area (feet)            | 0.31     | Based on an average size of the equipment.                                                |
| T <sub>f</sub>                       | Clingage Film Thickness (feet) | 8.33E-05 | 95°F per TCEQ Guidance.                                                                   |
| D                                    | Density of Material (lb/feet³) | 52.46    | Based on API Power Regression Analysis for a material with a vapor pressure of 0.15 psia. |
| Emissions per Activity (lb/activity) |                                | 0.00135  |                                                                                           |

**Step 2. Splash Loading Loss Calculation:**

| Variables                                    |                                        |        | Source/Notes/Assumptions                                                                                   |
|----------------------------------------------|----------------------------------------|--------|------------------------------------------------------------------------------------------------------------|
| L <sub>l</sub>                               | Equipment Draining Loading Loss        |        |                                                                                                            |
| $L_l = 12.46 \left( \frac{SPM_v}{T} \right)$ |                                        |        | Based on U.S. EPA AP-42, 5.2 "Transportation and Marketing of Petroleum Liquids" (Equation 1).             |
| S                                            | Loading Loss Factor                    | 1.45   | Per U.S. EPA AP-42 Table 5.2-1, based on splash loading per TCEQ Guidance.                                 |
| P                                            | Vapor Pressure of Liquid Loaded (psia) | 0.02   | Based on representative material.                                                                          |
| M <sub>v</sub>                               | Vapor molecular weight (lb/lb-mole)    | 130    | Molecular Weight based on API Power Regression Analysis for a material with a vapor pressure of 0.15 psia. |
| T                                            | Average daily temperature (°R)         | 554.67 | 95°F per TCEQ Guidance.                                                                                    |
| Emissions per Volume (lb/1000 gal)           |                                        | 0.079  |                                                                                                            |

| Variables                            |                                              |          | Source/Notes/Assumptions                                                                                       |
|--------------------------------------|----------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------|
| L <sub>D</sub>                       | Equipment Draining Loading loss              |          |                                                                                                                |
| $L_D = L_l \times V_t$               |                                              |          |                                                                                                                |
| L <sub>l</sub>                       | Loading Loss (lb/10 <sup>3</sup> gal loaded) | 0.079    | See calculation above.                                                                                         |
| V <sub>t</sub>                       | Volume of liquid drained (gallon/activity)   | 0.0002   | Assumed to be 1% of total volume (0.02244 gallons) is left in the equipment and drained to pan/enclosed drain. |
| Emissions per Activity (lb/activity) |                                              | 1.77E-08 |                                                                                                                |

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-13c Analytical Equipment**

**I. Basis**

During maintenance of analytical equipment, emissions are generated by residual product clingage, liquid loading, and evaporation. Emissions are calculated using analytical equipment sizing based on historical information and process knowledge. As only non-water liquid handled is diesel, this has been used as the basis.

**Step 3. Evaporative Loss Calculation:**

| Variables                                                                                                                                               |                                                                    |                 | Source/Notes/Assumptions                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $L_E = 7920 \times A \times \left( \frac{P_a M_w}{RT} \right) \times \frac{D_{i,a}}{Z_2 - Z_1} \times \ln \left( \frac{1}{1 - y_{c1}} \right) \times t$ |                                                                    |                 | Ajay Kumar, N.S. Vatcha, and John Schmelzle, "Estimate Emissions From Atmospheric Releases of Hazardous Substances," Environmental Engineering World, November-December 1996, pages 20-22. |
| A                                                                                                                                                       | Vessel opening area (m <sup>2</sup> )                              | 0.07            | Area for a 5 gal bucket (~11.75 in. dia.)                                                                                                                                                  |
| P <sub>a</sub>                                                                                                                                          | Atmospheric Pressure (Pa)                                          | 101,325         |                                                                                                                                                                                            |
| M <sub>w</sub>                                                                                                                                          | Molecular weight (kg/kgmol)                                        | 103             | Molecular Weight based on API Power Regression Analysis for a material with a vapor pressure of 0.15 psia                                                                                  |
| R                                                                                                                                                       | Universal Gas Constant (J/°K-kmol)                                 | 8314            |                                                                                                                                                                                            |
| T                                                                                                                                                       | Temperature (°K)                                                   | 308             | 95°F per TCEQ Guidance.                                                                                                                                                                    |
| D <sub>i,a</sub>                                                                                                                                        | Diffusivity of component through air (m <sup>2</sup> /s)           | 6.28E-06        | Assumed diffusivity of diesel fuel                                                                                                                                                         |
| Z <sub>2</sub> -Z <sub>1</sub>                                                                                                                          | Empty vapor space above liquid level in vessel (m)                 | 0.37            | Assumed 5 gal bucket (14.5 in)                                                                                                                                                             |
| y <sub>c1</sub>                                                                                                                                         | Volume fraction of component in air                                | 0.010           |                                                                                                                                                                                            |
| t                                                                                                                                                       | Time that material sits in pan before removed by vacuum truck (hr) | 0.25            | Based on past experience.                                                                                                                                                                  |
| <b>Emissions per Activity (lb/activity)</b>                                                                                                             |                                                                    | <b>9.64E-05</b> |                                                                                                                                                                                            |

| Emission Summary                                               |       | Source/Notes/Assumptions                               |
|----------------------------------------------------------------|-------|--------------------------------------------------------|
| Total Emissions per activity (lb/activity)                     | 0.001 | Summation of Steps 1 through 3.                        |
| Frequency Routine Maintenance Activity (activity/hour/turbine) | 2     | Based on process knowledge and historical information. |
| Frequency Routine Maintenance Activity (activity/yr/turbine)   | 10    | Based on process knowledge and historical information. |
| Number of Turbines                                             | 90    |                                                        |

| Total VOC Emissions |          |
|---------------------|----------|
| lb/hr               | ton/yr   |
| 2.61E-01            | 6.53E-04 |

**Notes:**

1. Calculation Basis: Electric Utility MSS Workgroup.
2. The emission calculations below represent the worst case emissions that could occur during routine maintenance or a unit turnaround.

**Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025**

**Appendix B-13d Sludge Maintenance**

**I. Basis**

During operation, sludge can build up in sumps and other collection points. On occasion, this sludge will need to be removed for treatment and disposal. Emissions are calculated on the estimated VOC content of the sludge and estimated handled quantity.

**Activity 1. Sludge/Sediment Management**

| Description                | Worst-Case VOC Concentration<br>ppmw | Sludge Density <sup>1</sup><br>lb/ft <sup>3</sup> | Worst-Case Annual Volume of Sludge Removed<br>yd <sup>3</sup> | Worst-Case Monthly Volume of Sludge Removed<br>yd <sup>3</sup> | Annual Total Mass of Sludge Removed<br>lb/yr | Hourly Total Mass of Sludge Removed <sup>2</sup><br>lb/hr | VOC   |        |
|----------------------------|--------------------------------------|---------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|-------|--------|
|                            |                                      |                                                   |                                                               |                                                                |                                              |                                                           | lb/hr | ton/yr |
| Sludge/Sediment Management | 5.00                                 | 45.01                                             | 19075.00                                                      | 1960.00                                                        | 23,181,275                                   | 59,548                                                    | 0.30  | 0.06   |

- Notes:**
- 1. Engineering Estimate.
  - 2. Assumes worst-case monthly volume of sludge removed in one 40-hour week.
  - 3. The emission calculations below represent the worst case emissions that could occur during routine maintenance or a unit turnaround. For calculation purposes, sludge management via vacuum truck was considered, but emissions from an open pit are provided as more conservative.

**Sample Calculations:**

Annual Emissions (ton/yr) = Total Mass of Sludge (lbs/yr) x VOC Concentration (ppmw) / 1,000,000 / 2000 lb/ton  
= (23,181,275 lbs/yr) \* (5 ppmw) / 1,000,000 / 2000 lbs/ton = 0.06 tpy

Hourly Emissions (lb/hr) = Total Mass of Sludge (lbs/hr) x VOC Concentration (ppmw) / 1,000,000  
= (59,548 lbs/hr) \* (5 ppmw) / 1,000,000 = 0.30 lb/hr

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-13e Small Equipment Maintenance - NH3

I. Basis

Small equipment containing ammonia will require occasional opening and maintenance. After opening, residual ammonia within the equipment will be vented to atmosphere, resulting in emissions of ammonia. Emissions are calculated using the ideal gas law, and estimated equipment parameters.

Step 1. Equipment Opening Maintenance Vapor Space Calculation:

| L <sub>o</sub> Opening Loss |                                                    |         | Source/Notes/Assumptions                                                                                        |
|-----------------------------|----------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------|
|                             |                                                    |         | Based on the Ideal Gas Law with modification for VOC molecular weight.                                          |
| P                           | Vapor Pressure of Material (psia)                  | 14.70   | Since the vapor pressure of anhydrous ammonia is greater than 14.7 the tank pressure prior to venting was used. |
| V                           | Vapor space volume (feet <sup>3</sup> )            | 0.08522 | Based on worst case equipment: 10 feet of 2 inch pipe                                                           |
| T                           | Average daily temperature (°R)                     | 554.67  | 95°F per TCEQ Guidance.                                                                                         |
| R                           | Gas constant (psia ft <sup>3</sup> per lb-mole °R) | 10.73   |                                                                                                                 |
| M <sub>v</sub>              | Vapor molecular weight (lb/lb-mole)                | 17      | Molecular weight for ammonia.                                                                                   |

| Emission Summary                                               |         | Source/Notes/Assumptions |
|----------------------------------------------------------------|---------|--------------------------|
| Total Emissions per activity (lb/activity)                     | 0.00358 |                          |
| Frequency Routine Maintenance Activity (activity/hour/turbine) | 1       | Assumed                  |
| Frequency Routine Maintenance Activity (activity/yr/turbine)   | 5       | Assumed                  |
| Duration Routine Maintenance (hours/activity)                  | 1       | Assumed                  |
| Number of Turbines                                             | 90      |                          |

| Total NH <sub>3</sub> Emissions |          |
|---------------------------------|----------|
| lb/hr                           | ton/yr   |
| 3.22E-01                        | 8.05E-04 |

Notes:

- 1. The emission calculations above represent the worst case emissions that could occur during routine maintenance or a unit turnaround.
- 2. Calculation Basis: Electric Utility MSS Workgroup. Applicable section utilized for small volume.

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-13f Small Equipment Maintenance - Low VP**

**I. Basis**

During maintenance of small equipment associated with the diesel generators, emissions are generated by residual product clingage, liquid draining, and evaporation. Emissions are calculated using small equipment sizing based on historical information and process knowledge.

Step 1. Clingage Loss Calculation:

| Variables                            |                                             |          | Source/Notes/Assumptions                                                                  |
|--------------------------------------|---------------------------------------------|----------|-------------------------------------------------------------------------------------------|
| Lc                                   | Clingage Loss (lb/activity)                 |          |                                                                                           |
| $L_C = A_S \times T_f \times D$      |                                             |          |                                                                                           |
| A <sub>s</sub>                       | Surface Area (feet)                         | 3.12     | Based on an average size of the equipment.                                                |
| T <sub>f</sub>                       | Clingage Film Thickness (feet)              | 8.33E-05 | 95°F per TCEQ Guidance.                                                                   |
| D                                    | Density of Material (lb/feet <sup>3</sup> ) | 54.16    | Based on API Power Regression Analysis for a material with a vapor pressure of 0.15 psia. |
| Emissions per Activity (lb/activity) |                                             | 0.01408  |                                                                                           |

Step 2. Splash Loading Loss Calculation:

| Variables                                    |                                        |        | Source/Notes/Assumptions                                                                                   |
|----------------------------------------------|----------------------------------------|--------|------------------------------------------------------------------------------------------------------------|
| L <sub>l</sub>                               | Equipment Draining Loading Loss        |        |                                                                                                            |
| $L_l = 12.46 \left( \frac{SPM_v}{T} \right)$ |                                        |        | Based on U.S. EPA AP-42, 5.2 "Transportation and Marketing of Petroleum Liquids" (Equation 1).             |
| S                                            | Loading Loss Factor                    | 1.45   | Per U.S. EPA AP-42 Table 5.2-1, based on splash loading per TCEQ Guidance.                                 |
| P                                            | Vapor Pressure of Liquid Loaded (psia) | 0.02   | Based on representative material.                                                                          |
| M <sub>v</sub>                               | Vapor molecular weight (lb/lb-mole)    | 130    | Molecular Weight based on API Power Regression Analysis for a material with a vapor pressure of 0.15 psia. |
| T                                            | Average daily temperature (°R)         | 554.67 | 95°F per TCEQ Guidance.                                                                                    |
| Emissions per Volume (lb/1000 gal)           |                                        | 0.079  |                                                                                                            |

| Variables                            |                                              |          | Source/Notes/Assumptions                                                                                       |
|--------------------------------------|----------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------|
| L <sub>D</sub>                       | Equipment Draining Loading loss              |          |                                                                                                                |
| $L_D = L_l \times V_t$               |                                              |          |                                                                                                                |
| L <sub>l</sub>                       | Loading Loss (lb/10 <sup>3</sup> gal loaded) | 0.079    | See calculation above.                                                                                         |
| V <sub>t</sub>                       | Volume of liquid drained (gallon/activity)   | 2.3200   | Assumed to be 1% of total volume (0.02244 gallons) is left in the equipment and drained to pan/enclosed drain. |
| Emissions per Activity (lb/activity) |                                              | 1.84E-04 |                                                                                                                |



**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-13f Small Equipment Maintenance - Low VP**

**I. Basis**

During maintenance of small equipment associated with the diesel generators, emissions are generated by residual product clingage, liquid draining, and evaporation. Emissions are calculated using small equipment sizing based on historical information and process knowledge.

**Step 3. Evaporative Loss Calculation:**

| Variables                                                                                                                                               |                                                                    |                 | Source/Notes/Assumptions                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $L_E = 7920 \times A \times \left( \frac{P_a M_w}{RT} \right) \times \frac{D_{i,a}}{Z_2 - Z_1} \times \ln \left( \frac{1}{1 - y_{c1}} \right) \times t$ |                                                                    |                 | Ajay Kumar, N.S. Vatcha, and John Schmelzle, "Estimate Emissions From Atmospheric Releases of Hazardous Substances," Environmental Engineering World, November-December 1996, pages 20-22. |
| A                                                                                                                                                       | Vessel opening area (m <sup>2</sup> )                              | 0.02            | Area for a 5 gal bucket (~11.75 in. dia.)                                                                                                                                                  |
| P <sub>a</sub>                                                                                                                                          | Atmospheric Pressure (Pa)                                          | 101,325         |                                                                                                                                                                                            |
| M <sub>w</sub>                                                                                                                                          | Molecular weight (kg/kgmol)                                        | 130             | Molecular Weight based on API Power Regression Analysis for a material with a vapor pressure of 0.15 psia                                                                                  |
| R                                                                                                                                                       | Universal Gas Constant (J/°K-kmol)                                 | 8314            |                                                                                                                                                                                            |
| T                                                                                                                                                       | Temperature (°K)                                                   | 308             | 95°F per TCEQ Guidance.                                                                                                                                                                    |
| D <sub>i,a</sub>                                                                                                                                        | Diffusivity of component through air (m <sup>2</sup> /s)           | 6.28E-06        | Assumed diffusivity of diesel fuel                                                                                                                                                         |
| Z <sub>2</sub> -Z <sub>1</sub>                                                                                                                          | Empty vapor space above liquid level in vessel (m)                 | 0.15            | Assumed 5 gal bucket (14.5 in)                                                                                                                                                             |
| y <sub>c1</sub>                                                                                                                                         | Volume fraction of component in air                                | 0.001           |                                                                                                                                                                                            |
| t                                                                                                                                                       | Time that material sits in pan before removed by vacuum truck (hr) | 0.25            | Based on past experience.                                                                                                                                                                  |
| <b>Emissions per Activity (lb/activity)</b>                                                                                                             |                                                                    | <b>8.53E-06</b> |                                                                                                                                                                                            |

| Emission Summary                                              |       | Source/Notes/Assumptions                               |
|---------------------------------------------------------------|-------|--------------------------------------------------------|
| Total Emissions per activity (lb/activity)                    | 0.014 | Summation of Steps 1 through 3.                        |
| Frequency Routine Maintenance Activity (activity/hour/engine) | 5     | Based on process knowledge and historical information. |
| Frequency Routine Maintenance Activity (activity/yr/engine)   | 130   | Based on process knowledge and historical information. |
| Number of Engine                                              | 10    |                                                        |

| Total VOC Emissions |          |
|---------------------|----------|
| lb/hr               | ton/yr   |
| 7.13E-01            | 9.27E-03 |

**Notes:**

1. Calculation Basis: Electric Utility MSS Workgroup.
2. The emission calculations below represent the worst case emissions that could occur during routine maintenance or a unit turnaround.

Fermi Equipment Holdco LLC  
NSR Air Permit Application Project Matador  
August 2025

Appendix B-13g Gaseous Fuel Venting

I. Basis

During turbine maintenance, gaseous fuel lines may need to be purged to facilitate maintenance operations. The emissions associated with these activities are calculated using the ideal gas law, and fuel line sizing.

| Piping Description | Initial Conditions                                |                                               |               |               |        | Final Conditions |            |                                      |                                  |        | Number of Turbines | Emissions      |              |
|--------------------|---------------------------------------------------|-----------------------------------------------|---------------|---------------|--------|------------------|------------|--------------------------------------|----------------------------------|--------|--------------------|----------------|--------------|
|                    | Max Hourly Volume <sup>1</sup> (ft <sup>3</sup> ) | Annual Volume <sup>1</sup> (ft <sup>3</sup> ) | Press. (psia) | Temp. (°Rank) | Z      | Press. (psia)    | Temp. (°F) | Max Hourly Volume <sup>2</sup> (scf) | Annual Volume <sup>2</sup> (scf) | Z      |                    | Hourly (lb/hr) | Annual (tpy) |
| Fuel Line          | 83                                                | 1,146                                         | 64.7          | 510           | 98.68% | 14.7             | 528        | 382                                  | 5273                             | 99.65% | 90                 | 1.47E+03       | 1.01E+01     |
| Small Equipment    | 0.7                                               | 6.7                                           | 64.7          | 510           | 98.68% | 14.7             | 528        | 3                                    | 31                               | 99.65% |                    | 1.24E+01       | 5.93E-02     |

1. Initial volume is calculated by multiplying the cross sectional area by the length of pipe using the following formula:  $V_i = \pi * [(diameter\ in\ inches/12)/2]^2 * length\ in\ feet = ft^3$
2. Final volume calculated using ideal gas law  $[(PV/RT)_i = (PV/RT)_f]$ .  $V_f = V_i (P_i/P_f) (T_f/T_i) (Z_i/Z_f)$ , where Z is estimated using the following equation:  $Z = 0.9994 - 0.0002P + 3E-08P^2$ .
3. Additional Assumptions:
- Nat Gas MW 16.48 lb/lbmol (From Natural Gas Analysis)
- VOC Content of Nat Gas : 0.009% by mass (From Natural Gas Analysis)
- H<sub>2</sub>S Content of Nat Gas : 0.001% by mass (From Natural Gas Analysis)
- CO<sub>2</sub> Content of Nat Gas : 0.50% by mass (From Natural Gas Analysis)
- CH<sub>4</sub> Content of Nat Gas : 97.35% by mass (From Natural Gas Analysis)

Example calculation:

|         |           |               |                |   |          |       |
|---------|-----------|---------------|----------------|---|----------|-------|
| 380 scf | lbmol     | 16.48 lb Nat  | 0.00016 lb VOC | = | 1.39E-02 | lb/hr |
| hr      | 385.5 scf | lbmol Nat Gas | lb Nat Gas     |   |          |       |

Calculation Basis: Electric Utility MSS Workgroup.

| Compound            | Weight Fraction | Hourly (lb/hr) | Annual (tpy) |
|---------------------|-----------------|----------------|--------------|
| Methane             | 97.35%          | 1430.50        | 9.88         |
| Ethane              | 1.41%           | 20.69          | 0.14         |
| Propane             | 0.07%           | 1.04           | 0.01         |
| Isobutane           | 0.01%           | 0.08           | 0.00         |
| n-butane            | 0.01%           | 0.12           | 0.00         |
| Carbon Dioxide      | 0.50%           | 7.40           | 5.11E-02     |
| Nitrogen            | 0.651%          | 9.57           | 0.07         |
| Hydrogen Sulfide    | 0.001%          | 1.19E-02       | 8.23E-05     |
| Ethyl Mercaptan     | 0.001%          | 0.01           | 9.88E-05     |
| Total VOC Emissions |                 | 0.01           | 9.88E-05     |

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NSR Air Permit Application Project Matador  
August 2025

Appendix B-13h Offline Turbine Washing

I. Basis

Turbines require occasional washing, utilizing a VOC cleaner, diluted with water. Emissions are generated by the evaporation of VOC in the cleaner solution after application. Annual emissions are calculated based upon estimated usage.

|                                          |       |          |                                                                                                                             |
|------------------------------------------|-------|----------|-----------------------------------------------------------------------------------------------------------------------------|
| Cleaning Solvent VOC Content (Undiluted) | 1.37  | lb/gal   | Water Based Gas Turbine Compressor Blade Cleaner (CONNTECT 6000 Compound Cleaning Liquid) (VOC Content as mixed with water) |
| As-Applied Cleaning Solvent              | 0.27  | lb/gal   |                                                                                                                             |
| Maximum Hourly Usage                     | 25    | gal/hr   | (As mixed)                                                                                                                  |
| Maximum Annual Usage                     | 9,000 | gal/year | (As mixed)                                                                                                                  |

II. Short-Term Emissions:

25

gal

hr

×

0.274

lb

gal

=

6.85

lb

hr

III. Annual Emissions:

9,000

gal

yr

×

0.274

lb

gal

×

1

2000

ton

lbs

=

1.24

tons

yr

| Compound                        | Weight Fraction | Hourly (lb/hr) | Annual (tpy) |
|---------------------------------|-----------------|----------------|--------------|
| Ethylene Glycol Monobutyl Ether | 33.33%          | 2.28           | 0.41         |
| Ethoxylated Alcohols C9-C11     | 66.67%          | 4.57           | 0.83         |

## Appendix B-13i Online Turbine Washing

While the turbines are online, the blades require water washes to reduce gross accumulation of airborne particulates between offline washes and compressor maintenance. During online washes, water is sprayed at approximately 12 gallons per minute, dislodging any accumulated particulate on the blade surfaces. The water and dislodged material is pulled into the turbines, where it passes through the compressor. Any water will evaporate due to the high compressor temperature, but any residual particulates will exit through the turbine stack. Note that during online washing events, the turbine is not fired, but rather in a maintenance mode. As such, normal combustion emissions do not occur. As the particulate emissions generated by online washing are less than normal particulate generation, there is no net increase in hourly PM emissions from the stack. Similarly, as the turbines are authorized for 8760 hours of normal operation, periods of online washing will also offset a period of normal operation, and therefore there will be no increase in annual PM emissions either.

1. Surface area based on assumption of 17 4' blades for large frame turbines and 17 2' blades for Siemens SGT800 turbines

[http://www.powderandbulk.com/resources/bulk\\_density/material\\_bulk\\_density\\_chart\\_f.htm](http://www.powderandbulk.com/resources/bulk_density/material_bulk_density_chart_f.htm) 54 lb/ft<sup>3</sup>  
[http://www.simetric.co.uk/si\\_materials.htm](http://www.simetric.co.uk/si_materials.htm)  
[http://www.asiinstr.com/technical/Material\\_Bulk\\_Density\\_Chart\\_F.htm](http://www.asiinstr.com/technical/Material_Bulk_Density_Chart_F.htm)

### Example Siemens SGT800

|          |       |       |          |        |     |        |          |      |   |          |       |
|----------|-------|-------|----------|--------|-----|--------|----------|------|---|----------|-------|
| 850      | ft2   | 5%    | 9.84E-05 | inches | 12  | ft     | 66.16    | lb   | = | 2.31E-02 | lb    |
|          |       |       |          |        |     | inches |          | ft3  |   |          | event |
| 2.31E-02 | lb    | 32850 | events   |        | ton | =      | 3.79E-01 | tons |   |          |       |
|          | event |       | year     | 2000   | lbs |        |          | year |   |          |       |

**Fermi Equipment Holdco LLC  
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August 2025**

**Appendix B-14 Speciated Emissions Summary**

**Hourly Speciated Emission Rate (lb/hr)**

| Pollutants                      | CAS        | HOURLY (lb/hr)                   |           |                      |                      |                           |              |                |          |
|---------------------------------|------------|----------------------------------|-----------|----------------------|----------------------|---------------------------|--------------|----------------|----------|
|                                 |            | SGT800<br>Combustion<br>Turbines | Fugitives | Fire System<br>Pumps | Emergency<br>Engines | Black Start<br>Generators | Diesel Tanks | Lube Oil Vents | Total    |
| 1,3 Butadiene                   | 106-99-0   | 1.98E-02                         | 0.00E+00  | 1.92E-04             | 7.39E-03             | 1.09E-03                  | 0.00E+00     | 0.00E+00       | 2.84E-02 |
| Acenaphthene                    | 83-32-9    | 0.00E+00                         | 0.00E+00  | 6.96E-06             | 2.68E-04             | 3.98E-05                  | 0.00E+00     | 0.00E+00       | 3.15E-04 |
| Acenaphthylene                  | 208-96-8   | 0.00E+00                         | 0.00E+00  | 2.48E-05             | 9.56E-04             | 1.42E-04                  | 0.00E+00     | 0.00E+00       | 1.12E-03 |
| Acetaldehyde                    | 75-07-0    | 1.84E+00                         | 0.00E+00  | 3.76E-03             | 1.45E-01             | 2.15E-02                  | 0.00E+00     | 0.00E+00       | 2.01E+00 |
| Acrolein                        | 107-02-8   | 2.94E-01                         | 0.00E+00  | 4.53E-04             | 1.75E-02             | 2.59E-03                  | 0.00E+00     | 0.00E+00       | 3.15E-01 |
| Anthracene                      | 120-12-7   | 0.00E+00                         | 0.00E+00  | 9.16E-06             | 3.53E-04             | 5.24E-05                  | 0.00E+00     | 0.00E+00       | 4.15E-04 |
| Benz(a)anthracene               | 56-55-3    | 0.00E+00                         | 0.00E+00  | 8.23E-06             | 3.18E-04             | 4.70E-05                  | 0.00E+00     | 0.00E+00       | 3.73E-04 |
| Benzene                         | 71-43-2    | 5.51E-01                         | 0.00E+00  | 4.57E-03             | 1.76E-01             | 2.61E-02                  | 0.00E+00     | 0.00E+00       | 7.58E-01 |
| Benzo(a)pyrene                  | 50-32-8    | 0.00E+00                         | 0.00E+00  | 9.21E-07             | 3.55E-05             | 5.26E-06                  | 0.00E+00     | 0.00E+00       | 4.17E-05 |
| Benzo(b)fluoranthene            | 205-99-2   | 0.00E+00                         | 0.00E+00  | 4.86E-07             | 1.87E-05             | 2.77E-06                  | 0.00E+00     | 0.00E+00       | 2.20E-05 |
| Benzo(g,h,i)perylene            | 191-24-2   | 0.00E+00                         | 0.00E+00  | 2.40E-06             | 9.24E-05             | 1.37E-05                  | 0.00E+00     | 0.00E+00       | 1.09E-04 |
| Benzo(k)fluoranthene            | 207-08-9   | 0.00E+00                         | 0.00E+00  | 7.60E-07             | 2.93E-05             | 4.34E-06                  | 0.00E+00     | 0.00E+00       | 3.44E-05 |
| Chrysene                        | 218-01-9   | 0.00E+00                         | 0.00E+00  | 1.73E-06             | 6.67E-05             | 9.88E-06                  | 0.00E+00     | 0.00E+00       | 7.83E-05 |
| Dibenzo(a,h)anthracene          | 53-70-3    | 0.00E+00                         | 0.00E+00  | 2.86E-06             | 1.10E-04             | 1.63E-05                  | 0.00E+00     | 0.00E+00       | 1.29E-04 |
| Ethane                          | 74-84-0    | 0.00E+00                         | 2.08E+01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 2.08E+01 |
| Ethylbenzene                    | 100-41-4   | 1.47E+00                         | 0.00E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.47E+00 |
| Ethyl Mercaptan                 | 75-08-1    | 0.00E+00                         | 1.44E-02  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.44E-02 |
| Ethylene Glycol Monobutyl Ether | 111-76-2   | 0.00E+00                         | 2.28E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 2.28E+00 |
| Ethoxylated Alcohols C9-C11     | 68439-46-3 | 0.00E+00                         | 4.57E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 4.57E+00 |
| Fluoranthene                    | 206-44-0   | 0.00E+00                         | 0.00E+00  | 3.73E-05             | 1.44E-03             | 2.13E-04                  | 0.00E+00     | 0.00E+00       | 1.69E-03 |
| Fluorene                        | 86-73-7    | 0.00E+00                         | 0.00E+00  | 1.43E-04             | 5.52E-03             | 8.18E-04                  | 0.00E+00     | 0.00E+00       | 6.48E-03 |
| Formaldehyde                    | 50-00-0    | 1.01E+01                         | 0.00E+00  | 5.78E-03             | 2.23E-01             | 3.30E-02                  | 0.00E+00     | 0.00E+00       | 1.03E+01 |
| Hydrogen sulfide                | 7783-06-4  | 0.00E+00                         | 1.20E-02  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.20E-02 |
| Indeno(1,2,3-cd)pyrene          | 193-39-5   | 0.00E+00                         | 0.00E+00  | 1.84E-06             | 7.09E-05             | 1.05E-05                  | 0.00E+00     | 0.00E+00       | 8.32E-05 |
| Isobutane                       | 75-28-5    | 0.00E+00                         | 8.35E-02  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 8.35E-02 |
| n-butane                        | 106-97-8   | 0.00E+00                         | 1.25E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.25E-01 |
| Naphthalene                     | 91-20-3    | 5.97E-02                         | 0.00E+00  | 4.16E-04             | 1.60E-02             | 2.37E-03                  | 0.00E+00     | 0.00E+00       | 7.85E-02 |
| Phenanthrene                    | 85-01-8    | 0.00E+00                         | 0.00E+00  | 1.44E-04             | 5.56E-03             | 8.23E-04                  | 0.00E+00     | 0.00E+00       | 6.52E-03 |
| Propane                         | 74-98-6    | 0.00E+00                         | 1.04E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.04E+00 |
| Propylene                       | 115-07-1   | 0.00E+00                         | 0.00E+00  | 1.26E-02             | 4.88E-01             | 7.22E-02                  | 0.00E+00     | 0.00E+00       | 5.73E-01 |
| Propylene Oxide                 | 75-56-9    | 1.33E+00                         | 0.00E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.33E+00 |
| Pyrene                          | 129-00-0   | 0.00E+00                         | 0.00E+00  | 2.34E-05             | 9.03E-04             | 1.34E-04                  | 0.00E+00     | 0.00E+00       | 1.06E-03 |
| Toluene                         | 108-88-3   | 5.97E+00                         | 0.00E+00  | 2.00E-03             | 7.73E-02             | 1.15E-02                  | 0.00E+00     | 0.00E+00       | 6.06E+00 |
| Xylene                          | 1330-20-7  | 2.94E+00                         | 0.00E+00  | 1.40E-03             | 5.39E-02             | 7.98E-03                  | 0.00E+00     | 0.00E+00       | 3.00E+00 |
| Sulfur Hexafluoride             | 2551-62-4  | 0.00E+00                         | 1.86E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.86E-01 |
| Lube Oil                        | 72623-86-0 | 0.00E+00                         | 0.00E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 1.63E+00       | 1.63E+00 |
| Diesel                          | 68334-30-5 | 0.00E+00                         | 8.14E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 4.36E-01     | 0.00E+00       | 8.57E+00 |
| Ammonia                         | 7664-41-7  | 6.26E+02                         | 3.47E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 6.26E+02 |



**Fermi Equipment Holdco LLC**  
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**Appendix B-14 Speciated Emissions Summary**

**Annual Speciated Emission Rate (tpy)**

| Pollutants                      | CAS        | ANNUAL (TPY)                    |           |                      |                      |                           |              |                |          |
|---------------------------------|------------|---------------------------------|-----------|----------------------|----------------------|---------------------------|--------------|----------------|----------|
|                                 |            | SGT800<br>Combustion<br>Turbine | Fugitives | Fire System<br>Pumps | Emergency<br>Engines | Black Start<br>Generators | Diesel Tanks | Lube Oil Vents | Total    |
| 1,3 Butadiene                   | 106-99-0   | 8.65E-02                        | 0.00E+00  | 9.58E-06             | 3.69E-04             | 5.47E-05                  | 0.00E+00     | 0.00E+00       | 8.70E-02 |
| Acenaphthene                    | 83-32-9    | 0.00E+00                        | 0.00E+00  | 3.48E-07             | 1.34E-05             | 1.99E-06                  | 0.00E+00     | 0.00E+00       | 1.58E-05 |
| Acenaphthylene                  | 208-96-8   | 0.00E+00                        | 0.00E+00  | 1.24E-06             | 4.78E-05             | 7.08E-06                  | 0.00E+00     | 0.00E+00       | 5.61E-05 |
| Acetaldehyde                    | 75-07-0    | 8.05E+00                        | 0.00E+00  | 1.88E-04             | 7.25E-03             | 1.07E-03                  | 0.00E+00     | 0.00E+00       | 8.06E+00 |
| Acrolein                        | 107-02-8   | 1.29E+00                        | 0.00E+00  | 2.27E-05             | 8.74E-04             | 1.30E-04                  | 0.00E+00     | 0.00E+00       | 1.29E+00 |
| Anthracene                      | 120-12-7   | 0.00E+00                        | 0.00E+00  | 4.58E-07             | 1.77E-05             | 2.62E-06                  | 0.00E+00     | 0.00E+00       | 2.07E-05 |
| Benz(a)anthracene               | 56-55-3    | 0.00E+00                        | 0.00E+00  | 4.12E-07             | 1.59E-05             | 2.35E-06                  | 0.00E+00     | 0.00E+00       | 1.86E-05 |
| Benzene                         | 71-43-2    | 2.41E+00                        | 0.00E+00  | 2.29E-04             | 8.82E-03             | 1.31E-03                  | 0.00E+00     | 0.00E+00       | 2.42E+00 |
| Benzo(a)pyrene                  | 50-32-8    | 0.00E+00                        | 0.00E+00  | 4.61E-08             | 1.78E-06             | 2.63E-07                  | 0.00E+00     | 0.00E+00       | 2.09E-06 |
| Benzo(b)fluoranthene            | 205-99-2   | 0.00E+00                        | 0.00E+00  | 2.43E-08             | 9.36E-07             | 1.39E-07                  | 0.00E+00     | 0.00E+00       | 1.10E-06 |
| Benzo(g,h,i)perylene            | 191-24-2   | 0.00E+00                        | 0.00E+00  | 1.20E-07             | 4.62E-06             | 6.85E-07                  | 0.00E+00     | 0.00E+00       | 5.43E-06 |
| Benzo(k)fluoranthene            | 207-08-9   | 0.00E+00                        | 0.00E+00  | 3.80E-08             | 1.46E-06             | 2.17E-07                  | 0.00E+00     | 0.00E+00       | 1.72E-06 |
| Chrysene                        | 218-01-9   | 0.00E+00                        | 0.00E+00  | 8.65E-08             | 3.34E-06             | 4.94E-07                  | 0.00E+00     | 0.00E+00       | 3.92E-06 |
| Dibenzo(a,h)anthracene          | 53-70-3    | 0.00E+00                        | 0.00E+00  | 1.43E-07             | 5.51E-06             | 8.16E-07                  | 0.00E+00     | 0.00E+00       | 6.47E-06 |
| Ethane                          | 74-84-0    | 0.00E+00                        | 5.77E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 5.77E-01 |
| Ethylbenzene                    | 100-41-4   | 6.44E+00                        | 0.00E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 6.44E+00 |
| Ethyl Mercaptan                 | 75-08-1    | 0.00E+00                        | 3.99E-04  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 3.99E-04 |
| Ethylene Glycol Monobutyl Ether | 111-76-2   | 0.00E+00                        | 4.13E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 4.13E-01 |
| Ethoxylated Alcohols C9-C11     | 68439-46-3 | 0.00E+00                        | 8.27E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 8.27E-01 |
| Fluoranthene                    | 206-44-0   | 0.00E+00                        | 0.00E+00  | 1.86E-06             | 7.19E-05             | 1.07E-05                  | 0.00E+00     | 0.00E+00       | 8.44E-05 |
| Fluorene                        | 86-73-7    | 0.00E+00                        | 0.00E+00  | 7.15E-06             | 2.76E-04             | 4.09E-05                  | 0.00E+00     | 0.00E+00       | 3.24E-04 |
| Formaldehyde                    | 50-00-0    | 4.40E+01                        | 0.00E+00  | 2.89E-04             | 1.12E-02             | 1.65E-03                  | 0.00E+00     | 0.00E+00       | 4.40E+01 |
| Hydrogen sulfide                | 7783-06-4  | 0.00E+00                        | 3.32E-04  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 3.32E-04 |
| Indeno(1,2,3-cd)pyrene          | 193-39-5   | 0.00E+00                        | 0.00E+00  | 9.19E-08             | 3.54E-06             | 5.25E-07                  | 0.00E+00     | 0.00E+00       | 4.16E-06 |
| Isobutane                       | 75-28-5    | 0.00E+00                        | 2.32E-03  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 2.32E-03 |
| n-butane                        | 106-97-8   | 0.00E+00                        | 3.47E-03  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 3.47E-03 |
| Naphthalene                     | 91-20-3    | 2.62E-01                        | 0.00E+00  | 2.08E-05             | 8.01E-04             | 1.19E-04                  | 0.00E+00     | 0.00E+00       | 2.63E-01 |
| Phenanthrene                    | 85-01-8    | 0.00E+00                        | 0.00E+00  | 7.20E-06             | 2.78E-04             | 4.12E-05                  | 0.00E+00     | 0.00E+00       | 3.26E-04 |
| Propane                         | 74-98-6    | 0.00E+00                        | 2.90E-02  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 2.90E-02 |
| Propylene                       | 115-07-1   | 0.00E+00                        | 0.00E+00  | 6.32E-04             | 2.44E-02             | 3.61E-03                  | 0.00E+00     | 0.00E+00       | 2.86E-02 |
| Propylene Oxide                 | 75-56-9    | 5.84E+00                        | 0.00E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 5.84E+00 |
| Pyrene                          | 129-00-0   | 0.00E+00                        | 0.00E+00  | 1.17E-06             | 4.52E-05             | 6.69E-06                  | 0.00E+00     | 0.00E+00       | 5.30E-05 |
| Toluene                         | 108-88-3   | 2.62E+01                        | 0.00E+00  | 1.00E-04             | 3.87E-03             | 5.73E-04                  | 0.00E+00     | 0.00E+00       | 2.62E+01 |
| Xylene                          | 1330-20-7  | 1.29E+01                        | 0.00E+00  | 6.98E-05             | 2.69E-03             | 3.99E-04                  | 0.00E+00     | 0.00E+00       | 1.29E+01 |
| Sulfur Hexafluoride             | 2551-62-4  | 0.00E+00                        | 8.13E-01  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 8.13E-01 |
| Lube Oil                        | 72623-86-0 | 0.00E+00                        | 0.00E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 7.15E+00       | 7.15E+00 |
| Diesel                          | 68334-30-5 | 0.00E+00                        | 1.31E+00  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 1.96E-02     | 0.00E+00       | 1.33E+00 |
| Ammonia                         | 7664-41-7  | 1.37E+03                        | 9.75E-02  | 0.00E+00             | 0.00E+00             | 0.00E+00                  | 0.00E+00     | 0.00E+00       | 1.37E+03 |

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-15 Hazardous Air Pollutant (HAP) Emissions Summary**

| Speciated Totals       |                 |                         |                       |                     |
|------------------------|-----------------|-------------------------|-----------------------|---------------------|
| Chemical               | Component       | Vapor Mass Fraction (%) | Total from Speciation | Speciated HAP Total |
| 1,3 butadiene          | 1,3 butadiene   | 100%                    | 8.70E-02              | 8.70E-02            |
| Acenaphthene           | POM             | 100%                    | 1.58E-05              | 1.58E-05            |
| Acenaphthylene         | POM             | 100%                    | 5.61E-05              | 5.61E-05            |
| Acetaldehyde           | Acetaldehyde    | 100%                    | 8.06E+00              | 8.06E+00            |
| Acrolein               | Acrolein        | 100%                    | 1.29E+00              | 1.29E+00            |
| Anthracene             | POM             | 100%                    | 2.07E-05              | 2.07E-05            |
| Benz(a)anthracene      | POM             | 100%                    | 1.86E-05              | 1.86E-05            |
| Benzene                | Benzene         | 100%                    | 2.42E+00              | 2.42E+00            |
| Benzo(a)pyrene         | POM             | 100%                    | 2.09E-06              | 2.09E-06            |
| Benzo(b)fluoranthene   | POM             | 100%                    | 1.10E-06              | 1.10E-06            |
| Benzo(g,h,i)perylene   | POM             | 100%                    | 5.43E-06              | 5.43E-06            |
| Benzo(k)fluoranthene   | POM             | 100%                    | 1.72E-06              | 1.72E-06            |
| Chrysene               | POM             | 100%                    | 3.92E-06              | 3.92E-06            |
| Dibenzo(a,h)anthracene | POM             | 100%                    | 6.47E-06              | 6.47E-06            |
| Ethylbenzene           | Ethylbenzene    | 100%                    | 6.44E+00              | 6.44E+00            |
| Fluoranthene           | POM             | 100%                    | 8.44E-05              | 8.44E-05            |
| Fluorene               | POM             | 100%                    | 3.24E-04              | 3.24E-04            |
| Formaldehyde           | Formaldehyde    | 100%                    | 4.40E+01              | 4.40E+01            |
| Indeno(1,2,3-cd)pyrene | POM             | 100%                    | 4.16E-06              | 4.16E-06            |
| Naphthalene            | POM             | 100%                    | 2.63E-01              | 2.63E-01            |
| Phenanthrene           | POM             | 100%                    | 3.26E-04              | 3.26E-04            |
| Propylene Oxide        | Propylene Oxide | 100%                    | 5.84E+00              | 5.84E+00            |
| Pyrene                 | POM             | 100%                    | 5.30E-05              | 5.30E-05            |
| Toluene                | Toluene         | 100%                    | 2.62E+01              | 2.62E+01            |
| Xylene                 | Xylene          | 100%                    | 1.29E+01              | 1.29E+01            |

**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-15 Hazardous Air Pollutant (HAP) Emissions Summary**

| <b>HAP</b>                | <b>PTE (tpy)</b> |
|---------------------------|------------------|
| POM                       | 0.26             |
| 1,3 butadiene             | 0.09             |
| Acetaldehyde              | 8.06             |
| Acrolein                  | 1.29             |
| Benzene                   | 2.42             |
| Ethylbenzene              | 6.44             |
| Formaldehyde              | 44.04            |
| Propylene Oxide           | 5.84             |
| Toluene                   | 26.16            |
| Xylene                    | 12.88            |
| <b>Highest Individual</b> | <b>44.04</b>     |
| <b>Aggregate</b>          | <b>107.48</b>    |



**Fermi Equipment Holdco LLC**  
**NSR Air Permit Application Project Matador**  
**August 2025**

**Appendix B-16 Modeling and Effects Review Applicability (MERA) Analysis**

| Compound Name                   | CAS No.    | ST ESL (µg/m³)                     | LT ESL (µg/m³)                     | Ratio of Annual ESL to Short-Term ESL | Emission Increase (lb/hr) | Emission Increase (tpy) | MERA STEP 2                        |                                                                     | Further Analysis Required? | MERA STEP 3 Site-wide Modeling Impacts |              |                                   |              |
|---------------------------------|------------|------------------------------------|------------------------------------|---------------------------------------|---------------------------|-------------------------|------------------------------------|---------------------------------------------------------------------|----------------------------|----------------------------------------|--------------|-----------------------------------|--------------|
|                                 |            |                                    |                                    |                                       |                           |                         | Is the LT ESL ≥ 10% of the ST ESL? | Is ST increase within the de minimis levels and LT ESL ≥ 10% ST ESL |                            | Short-Term GLCMax                      |              | Annual GLCMax                     |              |
|                                 |            |                                    |                                    |                                       |                           |                         |                                    |                                                                     |                            | Hourly GLC <sub>MAX</sub> (µg/m³)      | Impacts /ESL | Annual GLC <sub>MAX</sub> (µg/m³) | Impacts /ESL |
| 1,3 Butadiene                   | 106-99-0   | 510.00                             | 9.90                               | 1.94%                                 | 1.09E-03                  | 5.47E-05                | No                                 | No                                                                  | Yes                        |                                        |              |                                   |              |
| Acenaphthene                    | 83-32-9    | 100.00                             | 10.00                              | 10.00%                                | 3.98E-05                  | 1.99E-06                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Acenaphthylene                  | 208-96-8   | 100.00                             | 10.00                              | 10.00%                                | 1.42E-04                  | 7.08E-06                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Acetaldehyde                    | 75-07-0    | 120.00                             | 45.00                              | 37.50%                                | 2.15E-02                  | 1.07E-03                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Acrolein                        | 107-02-8   | 3.20                               | 0.82                               | 25.63%                                | 2.59E-03                  | 1.30E-04                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Anthracene                      | 120-12-7   | 1.00                               | 0.10                               | 10.00%                                | 5.24E-05                  | 2.62E-06                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Benz(a)anthracene               | 56-55-3    | 0.50                               | 0.05                               | 10.00%                                | 4.70E-05                  | 2.35E-06                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Benzene                         | 71-43-2    | 170.00                             | 4.50                               | 2.65%                                 | 2.61E-02                  | 1.31E-03                | No                                 | No                                                                  | Yes                        |                                        |              |                                   |              |
| Benzo(a)pyrene                  | 50-32-8    | 0.00                               | 0.02                               | --                                    | 5.26E-06                  | 2.63E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Benzo(b)fluoranthene            | 205-99-2   | 0.50                               | 0.05                               | 10.00%                                | 2.77E-06                  | 1.39E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Benzo(g,h,i)perylene            | 191-24-2   | 0.50                               | 0.05                               | 10.00%                                | 1.37E-05                  | 6.85E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Benzo(k)fluoranthene            | 207-08-9   | 0.50                               | 0.05                               | 10.00%                                | 4.34E-06                  | 2.17E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Chrysene                        | 218-01-9   | 0.50                               | 0.05                               | 10.00%                                | 9.88E-06                  | 4.94E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Dibenzo(a,h)anthracene          | 53-70-3    | 0.50                               | 0.05                               | 10.00%                                | 1.63E-05                  | 8.16E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Ethane                          | 74-84-0    | Simple Asphyxiant                  | Simple Asphyxiant                  | --                                    | 2.08E+01                  | 5.77E-01                | Yes                                | No                                                                  | No                         |                                        |              |                                   |              |
| Ethylbenzene                    | 100-41-4   | 26000.00                           | 570.00                             | 2.19%                                 | 0.00E+00                  | 0.00E+00                | No                                 | No                                                                  | Yes                        |                                        |              |                                   |              |
| Ethyl Mercaptan                 | 75-08-1    | 1.00                               | 1.30                               | 130.00%                               | 1.44E-02                  | 3.99E-04                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Ethylene Glycol Monobutyl Ether | 111-76-2   | 2900.00                            | 3700.00                            | 127.59%                               | 2.28E+00                  | 4.13E-01                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Ethoxylated Alcohols C9-C11     | 68439-46-3 | 600.00                             | 60.00                              | 10.00%                                | 4.57E+00                  | 8.27E-01                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Fluoranthene                    | 206-44-0   | 0.50                               | 0.05                               | 10.00%                                | 2.13E-04                  | 1.07E-05                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Fluorene                        | 86-73-7    | 10.00                              | 1.00                               | 10.00%                                | 8.18E-04                  | 4.09E-05                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Formaldehyde                    | 50-00-0    | 15.00                              | 3.30                               | 22.00%                                | 3.30E-02                  | 1.65E-03                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Hydrogen sulfide                | 7783-06-4  | Must Meet TCEQ Regulatory Standard | Must Meet TCEQ Regulatory Standard | --                                    | 1.20E-02                  | 3.32E-04                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Indeno(1,2,3-cd)pyrene          | 193-39-5   | 0.50                               | 0.05                               | 10.00%                                | 1.05E-05                  | 5.25E-07                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Isobutane                       | 75-28-5    | 23000.00                           | 7100.00                            | 30.87%                                | 8.35E-02                  | 2.32E-03                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| n-butane                        | 106-97-8   | 66000.00                           | 7100.00                            | 10.76%                                | 1.25E-01                  | 3.47E-03                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Naphthalene                     | 91-20-3    | 440.00                             | 50.00                              | 11.36%                                | 2.37E-03                  | 1.19E-04                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Phenanthrene                    | 85-01-8    | 8.00                               | 0.80                               | 10.00%                                | 8.23E-04                  | 4.12E-05                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Propane                         | 74-98-6    | Simple Asphyxiant                  | Simple Asphyxiant                  | --                                    | 1.04E+00                  | 2.90E-02                | Yes                                | No                                                                  | No                         |                                        |              |                                   |              |
| Propylene                       | 115-07-1   | Simple Asphyxiant                  | Simple Asphyxiant                  | --                                    | 7.22E-02                  | 3.61E-03                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Propylene Oxide                 | 75-56-9    | 70.00                              | 7.00                               | 10.00%                                | 0.00E+00                  | 0.00E+00                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Pyrene                          | 129-00-0   | 0.50                               | 0.05                               | 10.00%                                | 1.34E-04                  | 6.69E-06                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Toluene                         | 108-88-3   | 4500.00                            | 1200.00                            | 26.67%                                | 1.15E-02                  | 5.73E-04                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Xylene                          | 1330-20-7  | 2200.00                            | 180.00                             | 8.18%                                 | 7.98E-03                  | 3.99E-04                | No                                 | No                                                                  | Yes                        |                                        |              |                                   |              |
| Sulfur Hexafluoride             | 2551-62-4  | 60000.00                           | 6000.00                            | 10.00%                                | 1.86E-01                  | 8.13E-01                | Yes                                | Yes                                                                 | No                         |                                        |              |                                   |              |
| Lube Oil                        | 72623-86-0 | 1000.00                            | 100.00                             | 10.00%                                | 1.63E+00                  | 7.15E+00                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Diesel                          | 68334-30-5 | 1000.00                            | 100.00                             | 10.00%                                | 8.57E+00                  | 1.33E+00                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |
| Ammonia                         | 7664-41-7  | 180.00                             | 92.00                              | 51.11%                                | 6.26E+02                  | 1.37E+03                | Yes                                | No                                                                  | Yes                        |                                        |              |                                   |              |

# Appendix C

## BACT Supporting Documents

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**RBLC Entries for Nitrogen Oxides Control from Turbines**

| Date       | Facility Name                                             | RBLC ID  | PROCESS NAME                                                                             | THROUGHPUT | THROUGHPUT UNIT      | Control Method                                                                                                                                                                                 | Limit No. 1 | Unit           | Averaging Period                       |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------------------|------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------|
| 4/1/2015   | COLORADO BEND ENERGY CENTER                               | TX-0730  | Combined-cycle gas turbine electric generating facility                                  | 1100       | MW                   | SCR and oxidation catalyst                                                                                                                                                                     | 2           | PPMVD @ 15% O2 | 24-HR AVERAGE                          |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                             | OH-0365  | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                  | 2022       | MMBTU/H              | dry-low NOx (DLN) burner and selective catalytic reduction (SCR)                                                                                                                               | 14.7        | LB/H           | WITHOUT DUCT BURNERS. SEE NOTES.       |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                             | OH-0365  | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                  | 2144       | MMBTU/H              | dry-low NOx (DLN) burner and selective catalytic reduction (SCR)                                                                                                                               | 15.6        | LB/H           | WITHOUT DUCT BURNERS. SEE NOTES.       |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                    | 3001.57    | MCF/hr               | SCR, Dry Lo-NOx combustor, good combustion practices and low sulfur fuels                                                                                                                      | 2           | PPVDM @ 15 O2  |                                        |
| 6/18/2015  | EAGLE MOUNTAIN STEAM ELECTRIC STATION                     | TX-0751  | Combined Cycle Turbines (25 MW) natural gas                                              | 210        | MW                   | Selective Catalytic Reduction                                                                                                                                                                  | 2           | PPM            | ROLLING 24-HR AVERAGE                  |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                      | OH-0366  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                      | 2725       | MMBTU/H              | dry low NOx combustors, selective catalytic reduction (SCR)                                                                                                                                    | 23.5        | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                      | 3727       | MMBTU/hr             | DLN burner, SCR, good engineering practice                                                                                                                                                     | 2           | PPMDV @ 15% O2 |                                        |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine without Duct Burner                                                   | 0          |                      | DLN burners, SCR, good engineering practice                                                                                                                                                    | 2           | PPMDV @ 15% O2 |                                        |
| 10/2/2015  | LON C. HILL POWER STATION                                 | TX-0767  | Combined Cycle Turbines (25 MW)                                                          | 195        | MW                   | Selective Catalytic Reduction                                                                                                                                                                  | 2           | PPM            | ROLLING 24-HR AVERAGE                  |
| 10/8/2015  | PSO COMANCHE POWER STATION                                | OK-0169  | COMBINED CYCLE COMBUSTION TURBINE                                                        | 1250       | MMBTU/H              | Use of Dry Low NOx Burners                                                                                                                                                                     | 0.15        | LB/MMBTU       | 30-DAY ROLLING AVG                     |
| 11/4/2015  | FGE EAGLE PINES PROJECT                                   | TX-0773  | Combined Cycle Turbines (25 MW)                                                          | 321        | MW                   | Selective Catalytic Reduction                                                                                                                                                                  | 2           | PPM            | 24-HR AVERAGE                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                  | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - COLD STARTUP                                      | 286        | MW                   | GOOD COMBUSTION PRACTICES, DRY LOW-NOX COMBUSTOR DESIGN AND SELECTIVE CATALYTIC REDUCTION (SCR)                                                                                                | 153         | LB/EVENT       | COLD STARTUP                           |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                  | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                     | 286        | MW                   | GOOD COMBUSTION PRACTICES, DRY LOW-NOX COMBUSTOR DESIGN AND SELECTIVE CATALYTIC REDUCTION (SCR)                                                                                                | 2           | PPMVD @ 15% O2 | 3-HOUR BLOCK AVERAGE (EXCLUDING SU/SD) |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                  | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - WARM STARTUP                                      | 286        | MW                   | GOOD COMBUSTION PRACTICES, DRY LOW-NOX COMBUSTOR DESIGN AND SELECTIVE CATALYTIC REDUCTION (SCR)                                                                                                | 132         | LB/EVENT       | WARM STARTUP                           |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                  | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - HOT STARTUP                                       | 286        | MW                   | GOOD COMBUSTION PRACTICES, DRY LOW-NOX COMBUSTOR DESIGN AND SELECTIVE CATALYTIC REDUCTION (SCR)                                                                                                | 105         | LB/EVENT       | HOT STARTUP                            |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                  | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - SHUTDOWN                                          | 286        | MW                   | DRY LOW-NOX COMBUSTOR DESIGN, GOOD COMBUSTION PRACTICES AND SELECTIVE CATALYTIC REDUCTION (SCR)                                                                                                | 23          | LB/EVENT       | SHUT DOWN                              |
| 11/30/2015 | CPV TOWANTIC, LLC                                         | CT-0157  | Combined Cycle Power Plant                                                               | 21200000   | MMBTU/12 months      | SCR                                                                                                                                                                                            | 2           | PPMVD @15% O2  | 1 HR BLOCK                             |
| 11/30/2015 | CPV TOWANTIC, LLC                                         | CT-0158  | Combined Cycle Power Plant                                                               | 21200000   | MMBTU/yr             | SCR                                                                                                                                                                                            | 2           | PPMVD @15% O2  | 1 HR BLOCK                             |
| 12/23/2015 | LACKAWANNA ENERGY CTR/ESSUP                               | PA-0309  | Combustion turbine with duct burner                                                      | 3304.3     | MMBTU/hr             | Dry low-NOx burners, SCR, exclusive natural gas                                                                                                                                                | 2           | PPMDV @15% O2  |                                        |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC                  | PA-0306  | Large combustion turbine                                                                 | 0          |                      | SCR, DLN, and good combustion practice                                                                                                                                                         | 2           | PPMVD@15% O2   |                                        |
| 2/17/2016  | PORT ARTHUR LNG EXPORT TERMINAL                           | TX-0790  | Refrigeration Compression Turbines                                                       | 10         | M TONNES/YR          | Dry low NOx burners and good combustion practices                                                                                                                                              | 9           | PPM            | ROLLING 24-HR AVERAGE                  |
| 3/8/2016   | DECORDOVA STEAM ELECTRIC STATION                          | TX-0789  | Combined Cycle; Cogeneration                                                             | 231        | MW                   | Selective Catalytic Reduction                                                                                                                                                                  | 2           | PPM            |                                        |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                            | FL-0356  | Combined-cycle electric generating unit                                                  | 3096       | MMBTU/hr per turbine | Selective catalytic reduction; dry low-NOx; and wet injection                                                                                                                                  | 2           | PPMVD@15% O2   | GAS, 24-HR BLOCK, EXCLUDING SSM        |
| 3/24/2016  | NECHES STATION                                            | TX-0788  | Combined Cycle; Cogeneration                                                             | 231        | MW                   | Selective Catalytic Reduction                                                                                                                                                                  | 2           | PPM            |                                        |
| 4/19/2016  | JOHNSONVILLE COGENERATION                                 | TN-0162  | Natural Gas-Fired Combustion Turbine with HRSG                                           | 1339       | MMBTU/hr             | Good combustion design and practices, selective catalytic reduction (SCR)                                                                                                                      | 2           | PPMVD @ 15% O2 | 30 UNIT-OPERATING-DAY MOVING AVERAGE   |
| 6/17/2016  | GREENSVILLE POWER STATION                                 | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)          | 3227       | MMBTU/HR             | SCR                                                                                                                                                                                            | 2           | PPMVD          | 1 HR AVG                               |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                              | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                    | 4000       | h/yr                 | SELECTIVE CATALYTIC REDUCTION AND DRY LOW NOX                                                                                                                                                  | 2           | PPMVD@15%O2    | 3 H ROLLING AV BASED ON ONE H BLOCK AV |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                              | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                 | 8040       | H/YR                 | Selective Catalytic Reduction System and Dry Low NOx                                                                                                                                           | 2           | PPMVD@15%O2    | 3 H ROLLING AV BASED ON ONE H BLOCK AV |
| 8/31/2016  | ST. CHARLES POWER STATION                                 | LA-0313  | SCPS Combined Cycle Unit 1A                                                              | 3625       | MMBTU/hr             | Selective Catalytic Reduction (SCR) with Dry Low NOx Burners (DLNB) during normal operations; Good Combustion Practices during Startup/Shutdown operations.                                    | 26.91       | LB/H           | HOURLY MAXIMUM                         |
| 8/31/2016  | ST. CHARLES POWER STATION                                 | LA-0313  | SCPS Combined Cycle Unit 1B                                                              | 3625       | MMBTU/hr             | Selective Catalytic Reduction (SCR) with Dry Low NOx Burners (DLNB) during normal operations, and good combustion practices during startup/shutdown operations.                                | 26.91       | LB/H           | HOURLY MAXIMUM                         |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                     | 3338       | MMBTU/hr             | Dry Low NOx combustion technology, SCR at all steady state operating loads, good combustion and operating practices                                                                            | 2           | PPMDV @ 15% O2 |                                        |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                    | OH-0367  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                      | 3131       | MMBTU/H              | Dry low NOx (DLN) burners for natural gas firing, wet injection when firing ultra low sulfur diesel, and selective catalytic reduction (SCR) for both natural gas and ultra low sulfur diesel. | 30.51       | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET           | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                   | 554        | MMBTU/H, each        | Selective catalytic reduction with dry low NOx burners (SCR with DLNB).                                                                                                                        | 3           | PPM AT 15% O2  | 24-H ROLLING AVG; EACH EU              |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET           | MI-0424  | FGCTGHRSG--Startup/Shutdown (2 combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11) | 554        | MMBTU/H; EACH        | Selective catalytic reduction with dry low NOx burners (SCR with DLNB).                                                                                                                        | 43.7        | LB/H           | OPERATING HOUR DURING STARTUP; EACH EU |
| 1/4/2017   | INDECK NILES, LLC                                         | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                             | 8322       | MMBTU/H              | SCR with DLNB (selective catalytic reduction with dry low NOx burners)                                                                                                                         | 38.1        | LB/H           | 24-H ROLLING AVERAGE                   |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Flue Gas Heater                                                                          | 0          |                      | good combustion and operating practices                                                                                                                                                        | 0.011       | LB             | MMBTU                                  |

**RBLC Entries for Nitrogen Oxides Control from Turbines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                    | Limit No. 1 | Unit             | Averaging Period                        |
|------------|---------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-----------------------------------------|
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                        | *PA-0315 | Combustion Turbine without Duct Burner                                                                                       | 3509       | MMBtu/hr        |                                                                                                                                                                                                                   | 2           | PPMDV            | CORRECTED TO 15% O2                     |
| 4/28/2017  | GAINES COUNTY POWER PLANT                         | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator                   | 426        | MW              | Selective Catalytic Reduction (SCR) and Dry Low NOx burners                                                                                                                                                       | 2           | PPMVD            | 15% O2 3-H AVG                          |
| 6/30/2017  | KILLINGLY ENERGY CENTER                           | CT-0161  | Natural Gas w/o Duct Firing                                                                                                  | 2969       | MMBtu/hr        | SCR                                                                                                                                                                                                               | 2           | PPMVD @ 15% O2   | 1 HOUR BLOCK                            |
| 6/30/2017  | KILLINGLY ENERGY CENTER                           | CT-0161  | Natural Gas w/Duct Firing                                                                                                    | 2639       | MMBtu/hr        | SCR                                                                                                                                                                                                               | 2           | PPMVD @ 15% O2   | 1 HOUR BLOCK                            |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H         | dry low NOx combustors (DLN) and selective catalytic reduction (SCR)                                                                                                                                              | 25.3        | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3055       | MMBTU/H         | Dry low NOX combustors and selective catalytic reduction (SCR)                                                                                                                                                    | 25.3        | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374  | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                                             | 3516       | MMBTU/H         | dry low NOx burners and SCR                                                                                                                                                                                       | 33.85       | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | General Electric Combustion Turbine (P004)                                                                                   | 3544       | MMBTU/H         | dry low NOx burners and an SCR system                                                                                                                                                                             | 26.1        | LB/H             | EXCEPT STARTUP AND SHUTDOWN. SEE NOTES  |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Mitsubishi Combustion Turbine (P005)                                                                                         | 3320       | MMBTU/H         | dry low NOx burners and an SCR system                                                                                                                                                                             | 25.1        | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Siemens Combustion Turbine (P006)                                                                                            | 3602       | MMBTU/H         | dry low NOx burners and an SCR system                                                                                                                                                                             | 27.1        | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 11/17/2017 | FILER CITY STATION                                | MI-0427  | EUCCT (Combined cycle CTG with unfired HRSG)                                                                                 | 1934.7     | MMBTU/H         | SCR with DLNB (Selective catalytic reduction with dry low NOx burners).                                                                                                                                           | 3           | PPM              | 24-H ROLL AVG., EXCEPT STARTUP/SHUTDOWN |
| 11/17/2017 | FILER CITY STATION                                | MI-0427  | EUCCT (Startup/Shutdown)                                                                                                     | 1934.7     | MMBTU/H         | SCR with DLNB (Selective catalytic reduction with dry low NOx burners).                                                                                                                                           | 32          | POUNDS           | PER EVENT                               |
| 1/26/2018  | RENOVO ENERGY CENTER, LLC                         | *PA-0316 | Combustion Turbine Firing NG                                                                                                 | 0          |                 | SCR                                                                                                                                                                                                               | 2           | PPMDV            | CORRECTED TO 15% O2                     |
| 2/1/2018   | TVA - JOHNSONVILLE COGENERATION                   | *TN-0164 | Dual-fuel CT and HRSG with duct burner                                                                                       | 1020       | MMBtu/hr        | SCR, good combustion design & practices                                                                                                                                                                           | 2           | PPMVD @ 15% O2   | 30-DAY AVG WHEN BURNING NATURAL GAS     |
| 3/27/2018  | HARRISON COUNTY POWER PLANT                       | *WV-0029 | GE 7HA.02 Turbine                                                                                                            | 3496.2     | mmBtu/hr        | Dry-Low NOx Burners, SCR                                                                                                                                                                                          | 32.9        | LB/HR            | 1-HOUR AVERAGE                          |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                   | TX-0834  | Combined Cycle Turbine                                                                                                       | 2635       | MMBTU/HR/UNIT   | SCR and Dry Low NOx burners                                                                                                                                                                                       | 2           | PPMVD            | 15% O2 1-HOUR AVERAGE                   |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                   | TX-0834  | COMBINED CYCLE TURBINE MSS REDUCED LOAD                                                                                      | 0          |                 | minimizing duration of startup / shutdown events, engaging the pollution control equipment as soon as practicable (based on vendor recommendations and guarantees), and meeting the emissions limits on the MAERT | 170         | LB/H             |                                         |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                                       | 3459.6     | MMBTU/H         | dry low NOx burners and an SCR system                                                                                                                                                                             | 29.5        | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                                     | 3231       | MMBTU/H         | dry low NOx burners and an SCR system                                                                                                                                                                             | 28          | LB/H             | WITH DUCT BURNER. SEE NOTES.            |
| 4/25/2018  | PALMDALE ENERGY PROJECT                           | CA-1251  | Combustion Turbines (GEN1 and GEN2)                                                                                          | 2217       | MMBTU/H         | Selective Catalytic Reduction, Dry Low NOx Burners                                                                                                                                                                | 2           | PPM @ 15% O2     | 1-HOUR                                  |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                                          | 34000      | MMCF/YR         | dry, low NOx burners and selective catalytic reduction                                                                                                                                                            | 2           | PPMVD @ 15% O2   | 1 H AV                                  |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                                                     | 35000      | MMCF/YR         | DRY, LOW NOx BURNERS & SCR                                                                                                                                                                                        | 2           | PPMVD @ 15% O2   | 1 H AV                                  |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | GE Combustion Turbine - Tuning; Water Washing                                                                                | 34000      | MMCF/YR         | dry, low NOx burners and SCR                                                                                                                                                                                      | 638         | DAY              | 24 HR AV                                |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | GE Combustion Turbine - Startup and Shutdown                                                                                 | 34000      | MMCF/YR         | Dry, low NOx burners and SCR                                                                                                                                                                                      | 273         | LB/TURBINE/EVENT | COLD START 60 MIN OR LESS               |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Siemens Combustion Turbine - Tuning; Water Washing                                                                           | 35000      | MMCF/YR         | dry, low NOx burners and SCR                                                                                                                                                                                      | 564         | DAY              | 24 HR AV                                |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Siemens Combustion Turbine - Startup; Shutdown                                                                               | 35000      | MMCF/YR         | dry, low NOx burners and SCR                                                                                                                                                                                      | 95          | LB/TURBINE/EVENT | COLD START 55 MIN OR LESS               |
| 6/26/2018  | INDECK NILES LLC                                  | MI-0431  | FGCTGHRSG (2 Combined Cycle CTG with HRSGs)                                                                                  | 3421       | MMBTU/H         | SCR with DLNB (Selective Catalytic Reduction with Dry Low NOx Burners)                                                                                                                                            | 2           | PPM              | AT 15%O2; 24-HR ROLL AVG                |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | SCR with DLNB (Selective catalytic reduction with dry low NOx burners).                                                                                                                                           | 2           | PPMV             | AT 15%O2; 24-HR ROLL AVG NOT S.S.       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | SCR with DLNB (Selective catalytic reduction with Dry Low NOx burners).                                                                                                                                           | 2           | PPMVD            | AT 15%O2; 24-H ROLL AVG; NOT S.S.       |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                 | SCR with DLNB (Selective catalytic reduction with dry low NOx burners).                                                                                                                                           | 2           | PPMVD            | AT 15%O2; 24-H ROLL AVG; EACH UNIT;     |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)-Startup; Shutdown                                                                         | 0          |                 | SCR with DLNB (Selective catalytic reduction with dry low NOx burners).                                                                                                                                           | 262.4       | LB/H             | EACH UNIT; OPERATING HOUR DURING S.S.   |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY               | FL-0367  | 1-on-1 combined cycle unit (GE 7HA)                                                                                          | 3266.9     | MMBtu/hour      | Dry low-NOX combustors and Selective Catalytic Reduction (SCR)                                                                                                                                                    | 2           | PPMVD AT 15% O2  | 24-HOUR BLOCK AVERAGE BASIS (BACT)      |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                    | IL-0129  | Combined Cycle Combustion Turbines                                                                                           | 3474       | mmBtu/hr        | Selective catalytic reduction (SCR) and low-NOx combustion technology (dry low-NOx combustion technology for natural gas; water injection for ULSD)                                                               | 2           | PPMV @ 15% O2    | 3-UNIT OPERATING HOURS                  |

**RBLC Entries for Nitrogen Oxides Control from Turbines**

| Date       | Facility Name                               | RBLC ID  | PROCESS NAME                                                                                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                     | Limit No. 1 | Unit                | Averaging Period                         |
|------------|---------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------|-------------|---------------------|------------------------------------------|
| 7/30/2018  | NEW COVERT GENERATING FACILITY              | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                        | 1230       | MW              | Good combustion practices, DLN burners and SCR.                                                    | 2           | PPMVD               | AT 15%O2; EACH INDIV. CT/HRSG TRAIN      |
| 7/30/2018  | NEW COVERT GENERATING FACILITY              | MI-0432  | FG-TURB/DB1-3--Startup/Shutdown Operations                                                                          | 1230       | MW              | Good combustion practices, DLN burners and SCR.                                                    | 249         | LB/H                | EACH CT/HRSG TRAIN;STARTUP/SHUTDOWN      |
| 8/27/2018  | RENAISSANCE ENERGY CENTER                   | *PA-0319 | COMBUSTION TURBINE UNIT w/o DUCT BURNERS UNIT                                                                       | 2665.9     | MMBTu/hr        | SCR                                                                                                | 2           | PPMDV               | @15% O2                                  |
| 9/18/2018  | BROOKE COUNTY POWER PLANT                   | *WV-0032 | GE 7HA.01 Turbine                                                                                                   | 2737.7     | mmBtu/hr        | Dry-Low NOx Burners, SCR                                                                           | 23.2        | LB/HR               |                                          |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                  | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                                                                 | 921        | MM BTU/h        | Low NOx Burners, SCR, and Good Combustion Practices                                                | 2.5         | PPMV                | 30 DAY ROLLING AVERAGE                   |
| 12/21/2018 | LBWL--ERICKSON STATION                      | MI-0441  | EUCTGHRSG2--A 667 MMBTU/H natural gas fired CTG with a HRSG.                                                        | 667        | MMBTU/H         | Dry low NOx burners and selective catalytic reduction for NOx control.                             | 3           | PPM                 | PPMVD@15%O2; 24-H AVG; SEE NOTES         |
| 12/21/2018 | LBWL--ERICKSON STATION                      | MI-0441  | EUCTGHRSG1--A 667 MMBTU/H NG fired combustion turbine generator coupled with a heat recovery steam generator (HRSG) | 667        | MMBTU/H         | Dry low NOx burners and selective catalytic reduction for NOx control.                             | 3           | PPM                 | PPMVD@15%O2; 24-H ROLL AVG; SEE NOTES    |
| 12/31/2018 | JACKSON ENERGY CENTER                       | IL-0130  | Combined-Cycle Combustion Turbine                                                                                   | 3864       | mmBtu/hr        | Selective Catalytic Reduction (SCR) and low-NOx technology (dry low-NOx combustion technology)     | 2           | PPMV                | 3-UNIT OPERATING HOURS @ 15% O2          |
| 4/2/2019   | JACKSON GENERATING STATION                  | MI-0439  | FGLMDB1-6 (6 combined cycle natural gas fired CTG each equipped with a HRSG)                                        | 420        | MW              | Steam injection, good combustion practices and only combust natural gas.                           | 25          | PPM                 | AT 15% O2; 30 DAY ROLLING AVG; EACH UNIT |
| 6/24/2019  | CHICKAHOMINY POWER LLC                      | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                            | 35000      | MMCF/YR         | Controlled by dry, low NOx burners and selective catalytic reduction (SCR).                        | 2           | PPMVD 15% O2        | 1 HR AVG                                 |
| 6/24/2019  | CHICKAHOMINY POWER LLC                      | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems Combustion                                                               | 35000      | MMCF/YR         | dry, low NOx burners and selective catalytic reduction                                             | 703         | LB/TURBINE/CAL. DAY | 24 HR TOTAL                              |
| 6/24/2019  | CHICKAHOMINY POWER LLC                      | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                            | 35000      | MMCF/YR         | dry, low NOx burners and selective catalytic reduction                                             | 60          | LB/TURBINE/EVENT    | COLD START-42 MINUTES OR LESS            |
| 6/27/2019  | BIG CAJUN I POWER PLANT                     | *LA-0365 | Combustion Turbine #1 (EQT0002, CTG-1)                                                                              | 1679       | MM BTU/hr       | Dry low NOX Burners & water injection                                                              | 23          | PPMV                | THREE HOUR ROLLING AVERAGE               |
| 6/27/2019  | BIG CAJUN I POWER PLANT                     | *LA-0365 | Combustion Turbine #2 (EQT0003, CTG-2)                                                                              | 1679       | MM BTU/hr       | Dry low NOX burners & water injection                                                              | 23          | PPMV                | THREE HOUR ROLLING AVERAGE               |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP                | NJ-0088  | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                         | 21042      | MMCF/yr         | Selective Catalytic Reduction, Dry Low NOx, and use of Natural gas as Primary fuel                 | 18.3        | LB/H                | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 8/20/2019  | ESC TIOGA COUNTY POWER LLC/ELEC PWR GEN FAC | PA-0333  | COMBUSTION TURBINE/DUCT BURNER                                                                                      | 4469       | MMBTu/Hr        | SCR, Catalytic Oxidizer                                                                            | 2           | PPMVD               | @ 15% O2 / 1 HR                          |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                 | MI-0442  | FGCTGHRSG                                                                                                           | 625        | MW              | Good combustion practices, dry low NOx burners and selective catalytic reduction (SCR).            | 2           | PPM                 | EACH; 24-HR ROLL AVG EXCEPT START/SHUT   |
| 11/26/2019 | INDECK NILES, LLC                           | *MI-0445 | FGCTGHRSG                                                                                                           | 3421       | MMBTU/H         | SCR with DLNB (Selective Catalytic Reduction with Dry Low NOx Burners)                             | 2           | PPM                 | PPMVD @15% O2. 24HR ROLL AVG EXCEPT SS   |
| 1/6/2020   | FG LA COMPLEX                               | LA-0364  | Cogeneration Units                                                                                                  | 2222       | mm btu/h        | Dry low NOx combustor design along with SCR.                                                       | 2           | PPMVD               | 12-MONTH ROLLING AVERAGE                 |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase I Commissioning                                               | 2208       | MMBTU/H         |                                                                                                    | 110         | PPMVD, 15% OXYGEN   | AVG. ANY 24-HR OPERATIONAL PERIOD        |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21)- Startup operation during Phase I Commissioning                     | 2208       | MMBTU/H         |                                                                                                    | 110         | PPMVD, 15% OXYGEN   | AVG. ANY 24-HR OPERATIONAL PERIOD        |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase II Commissioning                                              | 2208       | MMBTU/H         |                                                                                                    | 55          | PPMVD, 15% OXYGEN   | AVG. ANY 24-HR OPERATIONAL PERIOD        |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21)- Startup operation during Phase II Commissioning                    | 2208       |                 |                                                                                                    | 55          | PPMVD, 15% OXYGEN   | AVG. ANY 24-HR OPERATIONAL PERIOD        |
| 8/13/2020  | GAS TREATMENT PLANT                         | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines)                                           | 576        | MMBTu/hr        | DLN combustors and Good Combustion Practices                                                       | 17          | PPMV @ 15% O2       | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                         | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines)                                                   | 431        | MMBTu/hr        | DLN combustors and good combustion practices                                                       | 17          | PPMV @ 15% O2       | 3-HOUR AVERAGE                           |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                 | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                                      | 4671       | MMBTU/H         | Selective Catalytic Reduction (SCR), low-NOx burners, Water injection when firing diesel fuel oil. | 2           | PPM AT 15% O2       | 24-HR ROLLING AVG., NATURAL GAS          |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                 | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas)                                  | 0          |                 |                                                                                                    | 335         | LB/START-UP         |                                          |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                 | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)                                       | 0          |                 |                                                                                                    | 860         | LB/START-UP         |                                          |

**RBLC Entries for Nitrogen Oxides Control from Turbines**

| Date       | Facility Name                                    | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                      | Limit No. 1 | Unit            | Averaging Period                         |
|------------|--------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------------------------------------|
| 11/9/2020  | PLANT BARRY                                      | AL-0328  | Two 744 MW Combined Cycle Units                                                                                              | 744        | MW              | SCR                                                                                                                                                                                                                                                                                                                 | 2           | PPM             | 3 HOUR AVG / @15% O2                     |
| 12/1/2020  | DOMINION ENERGY - BRUNSWICK                      | VA-0334  | COMBUSTION TURBINE GENERATORS, (3) with Alternate Operating Scenario - Turbine Tuning                                        | 3442       | MMBTU/H         | Dry, low NOx burners and selective catalytic reduction (SCR) with a NOx performance of 2.0 ppmvd at 15% O2.                                                                                                                                                                                                         | 604         | LBS             | CALENDAR DAY/PER TURBINE                 |
| 12/1/2020  | DOMINION ENERGY - BRUNSWICK                      | VA-0334  | COMBUSTION TURBINE GENERATORS, (3) with Alternate Operating Scenario - Turbine Blade Water Washing                           | 3442       | MMBTU/H         | Dry, low NOx burners and selective catalytic reduction (SCR) with a NOx performance of 2.0 ppmvd at 15% O2.                                                                                                                                                                                                         | 604         | LBS             | CALENDAR DAY/PER TURBINE                 |
| 12/18/2020 | PANDA STONEWALL LLC                              | *VA-0335 | Combustion Turbines, Two (2) and HRSG Duct Burners                                                                           | 2.55       | MMBTU/H         | Selective Catalytic Reduction (SCR), with ammonia injection and dry low NOx combustion.                                                                                                                                                                                                                             | 2           | PPMVD @ 15% O2  | W & W/O DUCT BURNING                     |
| 1/7/2021   | LBWL--ERICKSON STATION                           | MI-0447  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Dry low NOx burners and selective catalytic reduction for NOx control for each CTG/HRSG unit.                                                                                                                                                                                                                       | 60          | LB/H            | HOURLY; INCL STRT/SHUT IN COMBINED CYCLE |
| 1/7/2021   | LBWL--ERICKSON STATION                           | MI-0447  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Dry low NOx burners and selective catalytic reduction for NOx control for each CTG/HRSG unit.                                                                                                                                                                                                                       | 60          | LB/H            | HOURLY; INCL STRT/SHUT IN COMBINED CYCLE |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT              | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #2 (Natural Gas)                                                                            | 4546       | MMBTU/Hr        | SCR, CATALYTIC OXIDIZER                                                                                                                                                                                                                                                                                             | 2           | PPMVD           | @ 15% O2 / 1 HR                          |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT              | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #1 (Natural Gas)                                                                            | 4546       | MMBTU/Hr        | SCR, Catalytic Oxidizer                                                                                                                                                                                                                                                                                             | 2           | PPMVD           | @ 15% O2 / 1 HR                          |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY              | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                                                                       | 3622.1     | MMBTU/hour      | Dry low-NOx combustors and Selective Catalytic Reduction (SCR)                                                                                                                                                                                                                                                      | 2           | PPMVD AT 15% O2 | 24-HOUR BLOCK AVERAGE BASIS (BACT)       |
| 1/5/2022   | MAIDSVILLE                                       | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                                                   | 1275       | mw              | Dry Low NOx Combustion w/ SCR                                                                                                                                                                                                                                                                                       | 2           | PPMDV @ 15% O2  | 3-HOUR ROLLING AVERAGE                   |
| 1/5/2022   | MAIDSVILLE                                       | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                                                   | 1275       | mw              | Dry Low NOx Combustor with SCR                                                                                                                                                                                                                                                                                      | 2           | PPMDV @ 15% O2  | 3-HOUR ROLLING AVERAGE                   |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1         | LA-0391  | Combined Cycle Gas Turbine w/ Duct Burners and HRSG                                                                          | 5081       | mm BTU/h        | Dry low-NOx combustor design, selective catalytic reduction (SCR), and good combustion practices.                                                                                                                                                                                                                   | 2           | PPMVD           | 24-HR ROLLING AVG BASED ON 1-HR AVG      |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1         | LA-0391  | Combined Cycle Gas Turbine Startup and Shutdown                                                                              | 5081       | mm BTU/h        | Good combustion practices.                                                                                                                                                                                                                                                                                          | 260         | LB/HR           |                                          |
| 6/23/2022  | MEC NORTH, LLC                                   | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | SCR with DLNB (Selective catalytic reduction with Dry low NOx burners)                                                                                                                                                                                                                                              | 2.5         | PPM             | 24-HR ROLLING AVG                        |
| 6/23/2022  | MEC SOUTH, LLC                                   | MI-0452  | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | SCR with DLNB [Selective Catalytic Reduction with Dry Low NOx Burners]                                                                                                                                                                                                                                              | 2           | PPM             | 24-HR ROLLING AVG                        |
| 7/7/2022   | LIQUEFACTION PLANT                               | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                                                                       | 384        | MMBTU/hr        | SCR, DLN combustors, and good combustion practices                                                                                                                                                                                                                                                                  | 2           | PPMV @ 15% O2   | 3-HOURS                                  |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                       | IL-0133  | Combined-Cycle Combustion Turbines                                                                                           | 3647       | mmBtu/hour      | Dry low-NOx combustion with ultra-low NOx combustors; low-NOx duct burners; and selective catalytic reduction (SCR)                                                                                                                                                                                                 | 2           | PPMV @ 15% O2   | SEE NOTES                                |
| 9/15/2022  | LNG EXPORT TERMINAL                              | TX-0878  | Refrigeration Compression Turbines                                                                                           | 26.92      | MMTON/Y         | Dry low NOx burners and good combustion practices.                                                                                                                                                                                                                                                                  | 0           | PPM             | 24-HR AVG                                |
| 12/20/2022 | LBWL-ERICKSON STATION                            | MI-0454  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Dry low NOx burners and selective catalytic reduction for NOx control for each CTG/HRSG unit.                                                                                                                                                                                                                       | 3           | PPM             | PPMVD AT 15%O2; 24-HR ROLL AVG EXC SU/SD |
| 12/20/2022 | LBWL-ERICKSON STATION                            | MI-0454  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Dry low NOx burners and selective catalytic reduction for NOx control for each CTG/HRSG unit.                                                                                                                                                                                                                       | 3           | PPM             | @15%OX; 24-HR ROLL AVG EXCEPT START/SHUT |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP | MI-0455  | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Selective catalytic regeneration                                                                                                                                                                                                                                                                                    | 2           | PPM             | PPMVD AT 15%O2; 24-HR ROLL AVG EXC SU/SD |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                           | *IN-0365 | Combined Cycle Turbine CTGB                                                                                                  | 4200       | MMBTu per hour  | Selective Catalytic Reduction system and dry-low-NOx combustors.                                                                                                                                                                                                                                                    | 2           | PPMVD           | 15% O2 BASED ON A 3-HR AVERAGE           |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                           | *IN-0365 | Combined Cycle Turbine CTGA SU/SD                                                                                            | 3800       | MMBTu per hour  |                                                                                                                                                                                                                                                                                                                     | 20.7        | TONS PER YEAR   | FOR DURATION OF THE COMBINED SU/SD EVENT |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                           | *IN-0365 | Combined Cycle Turbine CTGB SU/SD                                                                                            | 0          |                 |                                                                                                                                                                                                                                                                                                                     | 35.8        | TONS YEAR       | FOR DURATION OF COMBINED SU/SD EVENTS    |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                           | *IN-0365 | Combined Cycle Turbine CTGA                                                                                                  | 3800       | MMBTu per hour  | Selective catalytic reduction system and dry-low-NOx combustors                                                                                                                                                                                                                                                     | 0.0085      | POUND PER MMBTU |                                          |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                      | *WI-0326 | Combustion Turbine; S01/P01/C01a (SCR)/C01b (oxidation catalyst)                                                             | 4671       | MMBTu/hr        | Except during start-up and shutdown, BACT has been determined to be:<br>(a) A selective catalytic reduction (SCR) system shall be used to control emissions from P01 when P01 is in operation.<br>(b) P01 shall be equipped with low-NOx burners.<br>(c) Water injection shall be used when firing diesel fuel oil. | 2           | PPM             | 24-HOUR ROLLING AVE., FIRING NATURAL GAS |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                     | IN-0371  | Integrated Gasification Combined Cycle Combustion Turbine                                                                    | 2292       | MMBTu/hr        | Steam Injection/SCR and Good Combustion Practices                                                                                                                                                                                                                                                                   | 2           | PPMV            | 15% OXYGEN WHEN COMBUSTING >50% NAT. GAS |

**RBLC Entries for Carbon Monoxide Control from Turbines**

| Date       | Facility Name                                         | RBLC ID  | PROCESS NAME                                                              | THROUGHPUT | THROUGHPUT UNIT      | Control Method                                                                                                                                | Limit No. 1 | Unit            | Averaging Period                         |
|------------|-------------------------------------------------------|----------|---------------------------------------------------------------------------|------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------------------------------------|
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines) | 576        | MMBtu/hr             | Oxidation catalyst and good combustion practices                                                                                              | 5           | PPMV @ 15% O2   | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines)         | 431        | MMBtu/hr             | Oxidation catalyst and good combustion control practices                                                                                      | 5           | PPMV @ 15% O2   | 3-HOUR AVERAGE                           |
| 7/7/2022   | LIQUEFACTION PLANT                                    | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                    | 384        | MMBtu/hr             | Oxidation Catalyst and good combustion practices                                                                                              | 2           | PPMV @ 15% O2   | 3-HOURS                                  |
| 11/9/2020  | PLANT BARRY                                           | AL-0328  | Two 744 MW Combined Cycle Units                                           | 744        | MW                   | Oxidation Catalyst                                                                                                                            | 23.8        | LB/HR           | 3 HOUR AVG                               |
| 4/25/2018  | PALMDALE ENERGY PROJECT                               | CA-1251  | Combustion Turbines (GEN1 and GEN2)                                       | 2217       | MMBTU/H              | Oxidation Catalyst                                                                                                                            | 1.5         | PPM @ 15% O2    | 1-HR, DEMO LIMIT, W/O DUCT FIRING        |
| 11/30/2015 | CPV TOWANTIC, LLC                                     | CT-0157  | Combined Cycle Power Plant                                                | 21200000   | MMBtu/12 months      | Oxidation Catalyst                                                                                                                            | 0.9         | PPMVD @15% O2   | 1 HR BLOCK                               |
| 11/30/2015 | CPV TOWANTIC, LLC                                     | CT-0158  | Combined Cycle Power Plant                                                | 21200000   | MMBtu/yr             | Oxidation Catalyst                                                                                                                            | 0.9         | PPMVD @15% O2   | 1 HR BLOCK                               |
| 6/30/2017  | KILLINGLY ENERGY CENTER                               | CT-0161  | Natural Gas w/o Duct Firing                                               | 2969       | MMBtu/hr             | Oxidation Catalyst                                                                                                                            | 0.9         | PPMVD @15% O2   | 1 HOUR BLOCK                             |
| 6/30/2017  | KILLINGLY ENERGY CENTER                               | CT-0161  | Natural Gas w/Duct Firing                                                 | 2639       | MMBtu/hr             | Oxidation Catalyst                                                                                                                            | 1.7         | LB/MMBTU        | 1 HOUR BLOCK                             |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                        | FL-0356  | Combined-cycle electric generating unit                                   | 3096       | MMBtu/hr per turbine | Clean burners that prevent CO formation                                                                                                       | 4.3         | PPMVD@15% O2    | 3-HR AVERAGE, NATURAL GAS OPERATION      |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                             | FL-0363  | 2-on-1 combined cycle unit (GE 7HA)                                       | 4000       | MMBtu/hr             | Clean burning fuel with lean pre-mix turbines                                                                                                 | 4.3         | PPMVD@15% O2    | AT LOADS > 90%                           |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0367  | 1-on-1 combined cycle unit (GE 7HA)                                       | 3266.9     | MMBtu/hour           | Clean burning fuel with good combustion practices                                                                                             | 4.3         | PPMVD @15% O2   | (TURBINE LOADS >= 90%); THREE 1-HR RUNS  |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                    | 3622.1     | MMBtu/hour           | Clean burning fuel with good combustion practices                                                                                             | 4.3         | PPMVD AT 15% O2 | (TURBINE LOADS >= 90%); THREE 1-HR       |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                        | IL-0129  | Combined Cycle Combustion Turbines                                        | 3474       | mmBtu/hr             | Oxidation catalyst                                                                                                                            | 2           | PPMV @ 15 % O2  | 3 OPERATING-HOUR, ROLLED HOURLY, AVERAGE |
| 12/31/2018 | JACKSON ENERGY CENTER                                 | IL-0130  | Combined-Cycle Combustion Turbine                                         | 3864       | mmBtu/hr             | Oxidation catalyst                                                                                                                            | 2           | PPMV            | 3 OPERATING HOUR AVERAGE @ 15% O2        |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                            | IL-0133  | Combined-Cycle Combustion Turbines                                        | 3647       | mmBtu/hour           | Oxidation catalyst and good combustion practices                                                                                              | 1.5         | PPMV @ 15% O2   | TURBINE LOAD > OR = 60% W/O DUCT BURNERS |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGB                                               | 4200       | MMBtu per hour       | oxidation catalyst                                                                                                                            | 2           | PPMVD           | @ 15% O2 BASED ON A 3-HR AVERAGE         |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGA SU/SD                                         | 3800       | MMBtu per hour       |                                                                                                                                               | 1724        | LB PER EVENT    |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGB SU/SD                                         | 0          |                      |                                                                                                                                               | 310         | LB/EVENT        | COLD START                               |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGA                                               | 3800       | MMBtu per hour       | Oxidation catalyst                                                                                                                            | 2           | PPMVD           | 15% O2 BASED ON A 3-HR AVERAGE           |
| 2/14/2025  | DUKE ENERGY INDIANA, INC. - CAYUGA GENERATING STATION | IN-0382  | Combustion Turbines (6A and 6B)                                           | 4254       | MMBtu/hr             | Oxidation Catalyst and good combustion practices                                                                                              | 2           | PPMVD@15% O2    | 3-HOUR ROLLING AVERAGE EXCL. SU/SD       |
| 8/31/2016  | ST. CHARLES POWER STATION                             | LA-0313  | SCPS Combined Cycle Unit 1A                                               | 3625       | MMBTU/hr             | Catalytic Oxidation and good combustion practices during normal operations, and good combustion practices during startup/shutdown operations. | 125.21      | LB/H            | HOURLY MAXIMUM                           |
| 8/31/2016  | ST. CHARLES POWER STATION                             | LA-0313  | SCPS Combined Cycle Unit 1B                                               | 3625       | MMBTU/hr             | Catalytic oxidation and good combustion practices during normal operations, and good combustion practices during startup/shutdown operations. | 125.21      | LB/H            | HOURLY MAXIMUM                           |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                            | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                       | 921        | MM BTU/h             | Oxidation Catalyst, Proper Design, Good Combustion Practices.                                                                                 | 5           | PPMV            | 30 DAY ROLLING AVERAGE                   |
| 1/6/2020   | FG LA COMPLEX                                         | LA-0364  | Cogeneration Units                                                        | 2222       | mm btu/h             | Good combustion practices and catalytic oxidation                                                                                             | 4           | PPMVD           |                                          |
| 6/27/2019  | BIG CAJUN I POWER PLANT                               | *LA-0365 | Combustion Turbine #1 (EQT0002, CTG-1)                                    | 1679       | MM BTU/hr            |                                                                                                                                               | 25          | PPMV            | THREE HOUR ROLLING AVERAGE               |
| 6/27/2019  | BIG CAJUN I POWER PLANT                               | *LA-0365 | Combustion Turbine #2 (EQT0003, CTG-2)                                    | 1679       | MM BTU/hr            |                                                                                                                                               | 25          | PPMV            | THREE HOUR ROLLING AVERAGE               |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1              | LA-0391  | Combined Cycle Gas Turbine w/ Duct Burners and HRSG                       | 5081       | mm BTU/h             | Catalytic oxidation and good combustion practices.                                                                                            | 2           | PPMVD           | 24-HR ROLLING AVG BASED ON 1-HR AVG      |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1              | LA-0391  | Combined Cycle Gas Turbine Startup and Shutdown                           | 5081       | mm BTU/h             | Good combustion practices.                                                                                                                    | 1620        | LB/HR           |                                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                              | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - COLD STARTUP                       | 286        | MW                   | GOOD COMBUSTION PRACTICES AND OXIDATION CATALYST                                                                                              | 1772        | LB/EVENT        | COLD STARTUP                             |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                              | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                      | 286        | MW                   | GOOD COMBUSTION PRACTICES AND OXIDATION CATALYST                                                                                              | 2           | PPMVD @ 15% O2  | 3-HOUR BLOCK AVERAGE (EXCLUDING SU/SD)   |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                              | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - WARM STARTUP                       | 286        | MW                   | GOOD COMBUSTION PRACTICES AND OXIDATION CATALYST                                                                                              | 1461        | LB/EVENT        | WARM STARTUP                             |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                              | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - HOT STARTUP                        | 286        | MW                   | GOOD COMBUSTION PRACTICES AND OXIDATION CATALYST                                                                                              | 1216        | LB/EVENT        | HOT STARTUP                              |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                              | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - SHUTDOWN                           | 286        | MW                   | GOOD COMBUSTION PRACTICES AND OXIDATION CATALYST                                                                                              | 156         | LB/EVENT        | SHUTDOWN                                 |
| 1/4/2017   | INDECK NILES, LLC                                     | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                              | 8322       | MMBTU/H              | Oxidation catalyst technology and good combustion practices.                                                                                  | 24.7        | LB/H            | 24-H ROLLING AVG                         |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET       | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)    | 554        | MMBTU/H, each        | Oxidation catalyst technology and good combustion practices.                                                                                  | 4           | PPM             | EACH EU; 24-H ROLL AVG EXCEPT            |

**RBLC Entries for Carbon Monoxide Control from Turbines**

| Date       | Facility Name                                    | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                          | Limit No. 1 | Unit         | Averaging Period                         |
|------------|--------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------|-------------|--------------|------------------------------------------|
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET  | MI-0424  | FGCTGHRSG--Startup/Shutdown (2 combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                                     | 554        | MMBTU/H; EACH   | Oxidation catalyst technology and good combustion practices.                            | 247.3       | LB/H         | OPERATING HOUR DURING STARTUP            |
| 11/17/2017 | FILER CITY STATION                               | MI-0427  | EUCCT (Combined cycle CTG with unfired HRSG)                                                                                 | 1934.7     | MMBTU/H         | Oxidation catalyst technology and good combustion practices.                            | 4           | PPM          | 24-H ROLL AVG., EXCEPT STARTUP/SHUTDOWN  |
| 11/17/2017 | FILER CITY STATION                               | MI-0427  | EUCCT (Startup/Shutdown)                                                                                                     | 1934.7     | MMBTU/H         | Oxidation catalyst technology and good combustion practices.                            | 1580        | POUNDS       | POUNDS PER EVENT                         |
| 7/30/2018  | NEW COVERT GENERATING FACILITY                   | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                                 | 1230       | MW              | Oxidation catalyst technology and good combustion practices.                            | 2           | PPMVD        | EACH CT/HRSG TRAIN; 24-HR ROLL AVG       |
| 7/30/2018  | NEW COVERT GENERATING FACILITY                   | MI-0432  | FG-TURB/DB1-3--Startup/Shutdown Operations                                                                                   | 1230       | MW              | Oxidation catalyst technology and good combustion practices.                            | 1164        | LB/H         | EACH CT/HRSG TRAIN; STARTUP/SHUTDOWN     |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                 | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Oxidation catalyst technology and good combustion practices.                            | 4           | PPMV         | AT 15%O2; 240HR ROLL AVG; NOT S.S.       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                 | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Oxidation catalyst technology and good combustion practices.                            | 4           | PPMVD        | AT 15%O2; 24-H ROLL AVG; NOT INCL ST/SH  |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT           | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                 | Oxidation catalyst technology and good combustion practices.                            | 0.0045      | LB/MMBTU     | EACH UNIT; 24-H ROLL AVG; NOT S.S.       |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT           | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)--Startup; Shutdown                                                                        | 0          |                 | Oxidation catalyst technology and good combustion practices.                            | 791.5       | LB/H         | EACH UNIT; OPERATING HOUR DURING S.S.    |
| 12/21/2018 | LBWL--ERICKSON STATION                           | MI-0441  | EUCTGHRSG2--A 667 MMBTU/H natural gas fired CTG with a HRSG.                                                                 | 667        | MMBTU/H         | An oxidation catalyst for CO control for each CTG/HRSG unit, good combustion practices. | 4           | PPM          | PPMVD@15%O2; 24-H AVG; SEE NOTES         |
| 12/21/2018 | LBWL--ERICKSON STATION                           | MI-0441  | EUCTGHRSG1--A 667 MMBTU/H NG fired combustion turbine generator coupled with a heat recovery steam generator (HRSG)          | 667        | MMBTU/H         | An oxidation catalyst for CO control for each CTG/HRSG unit; good combustion practices. | 4           | PPM          | PPMVD@15%O2;24-H ROLL AVG; SEE NOTES     |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                      | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW              | Oxidation catalyst and good combustion practices                                        | 2           | PPM          | PPMVD; EACH UNIT; 24-HR AVG, NO START/SH |
| 11/26/2019 | INDECK NILES, LLC                                | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H         | Oxidation catalyst technology and good combustion practices.                            | 4           | PPM          | PPMVD @15% O2, 24HR ROLL AVG EXCEPT SS   |
| 1/7/2021   | LBWL--ERICKSON STATION                           | MI-0447  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for CO control for each CTG/HRSG unit, good combustion practices. | 4           | PPM          | 24-HR ROLL AVG EXCEPT STARTUP/SHUTDOWN   |
| 1/7/2021   | LBWL--ERICKSON STATION                           | MI-0447  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for CO control for each CTG/HRSG unit, good combustion practices. | 4           | PPM          | 24-HR ROLL AVG EXCEPT STARTUP/SHUTDOWN   |
| 6/23/2022  | MEC NORTH, LLC                                   | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | Oxidation catalyst technology and good combustion practices.                            | 2           | PPM          | 24-HR ROLLING AVG                        |
| 6/23/2022  | MEC SOUTH, LLC                                   | MI-0452  | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | Oxidation Catalyst Technology and Good Combustion Practices                             | 2           | PPM          | 24-HR ROLLING AVG                        |
| 12/20/2022 | LBWL-ERICKSON STATION                            | MI-0454  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for CO control for each CTG/HRSG unit, good combustion practices. | 9           | LB/H         | HOURLY EXCEPT DURING SU/SD               |
| 12/20/2022 | LBWL-ERICKSON STATION                            | MI-0454  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for CO control for each CTG/HRSG unit, good combustion practices. | 4           | PPM          | PPMVD AT 15%O2; 24-HR ROLL AVG EXC SU/SD |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP | MI-0455  | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Oxidation catalyst                                                                      | 2           | PPM          | PPMVD AT 15%O2; 24-HR ROLL AVG EXC SU/SD |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                     | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr            | Oxidation Catalyst and good combustion practices                                        | 2           | PPMVD@15%O2  | 3 H ROLLING AV BASED ON ONE H BLOCK AV   |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                     | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR            | OXIDATION CATALYST AND GOOD COMBUSTION PRACTICES                                        | 2           | PPMVD@15% O2 | 3 H ROLLING AV BASED ON ONE H BLOCK AV   |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP                     | NJ-0088  | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                                  | 21042      | MMcubic ft/yr   | Oxidation catalyst and use of clean burning fuels, natural gas and ULSD                 | 11.1        | LB/H         | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                    | OH-0365  | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                                                      | 2022       | MMBTU/H         | Oxidation catalyst                                                                      | 10.4        | LB/H         | WITHOUT DUCT BURNERS. SEE NOTES.         |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                    | OH-0365  | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                                                      | 2144       | MMBTU/H         | Oxidation catalyst                                                                      | 12          | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC             | OH-0366  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 2725       | MMBTU/H         | Good combustion controls and oxidation catalyst                                         | 14.3        | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                           | OH-0367  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3131       | MMBTU/H         | Good combustion controls and oxidation catalyst                                         | 18.57       | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 9/7/2017   | TRUMBULL ENERGY CENTER                           | OH-0370  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H         | Good combustion controls and oxidation catalyst                                         | 15.5        | LB/H         | WITH DUCT BURNER. SEE NOTES.             |



**RBL Entries for Carbon Monoxide Control from Turbines**

| Date       | Facility Name                                             | RBL ID   | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                    | Limit No. 1 | Unit           | Averaging Period                       |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------|
| 9/27/2017  | OREGON ENERGY CENTER                                      | OH-0372  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                        | 3055       | MMBTU/H         | oxidation catalyst and good combustion control                                                                                                                                                                    | 15.5        | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 10/23/2017 | GUERNSEY POWER STATION LLC                                | OH-0374  | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                           | 3516       | MMBTU/H         | oxidation catalyst and good combustion practices as recommended by the manufacturer                                                                                                                               | 20.76       | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | General Electric Combustion Turbine (P004)                                                                 | 3544       | MMBTU/H         | Oxidation catalyst and good combustion practices as recommended by the manufacturer.                                                                                                                              | 15.9        | LB/H           | EXCEPT STARTUP AND SHUTDOWN. SEE NOTES |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | Mitsubishi Combustion Turbine (P005)                                                                       | 3320       | MMBTU/H         | oxidation catalyst and shall operate the emissions unit in accordance with good combustion practices as recommended by the manufacturer                                                                           | 15.3        | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | Siemens Combustion Turbine (P006)                                                                          | 3602       | MMBTU/H         | oxidation catalyst and shall operate the emissions unit in accordance with good combustion practices as recommended by the manufacturer                                                                           | 16.5        | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                     | 3459.6     | MMBTU/H         | Good combustion practices and oxidation catalyst                                                                                                                                                                  | 17.9        | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                   | 3231       | MMBTU/H         | Good combustion practices and oxidation catalyst                                                                                                                                                                  | 17.1        | LB/H           | WITH DUCT BURNER. SEE NOTES.           |
| 10/8/2015  | PSO COMANCHE POWER STATION                                | OK-0169  | COMBINED CYCLE COMBUSTION TURBINE                                                                          | 1250       | MMBTU/H         | Controlled Startup and Shutdown procedures with respect to Dry Low NOx Burners.                                                                                                                                   | 0.0785      | LB/MMBTU       | 3-HR AVG NORMAL OPERATION              |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC                  | PA-0306  | Large combustion turbine                                                                                   | 0          |                 | Oxidation Catalyst and good combustion practice                                                                                                                                                                   | 15.9        | LB/HR          | 3 HR AVERAGE                           |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                                      | 3001.57    | MCF/hr          | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 2           | PPMDV @ 15% O2 |                                        |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                              | PA-0309  | Combustion turbine with duct burner                                                                        | 3304.3     | MMBTU/hr        | Oxidation catalyst, combustion controls, exclusive natural gas                                                                                                                                                    | 2           | PPMDV @ 15% O2 |                                        |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                                       | 3338       | MMBTU/hr        | Oxidation catalyst operated at all steady state operating loads and good combustion practices                                                                                                                     | 2           | PPMDV @ 15% O2 |                                        |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                                        | 3727       | MMBTU/hr        | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 2           | PPMDV @ 15% O2 |                                        |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine without Duct Burner                                                                     | 0          |                 | Oxidation catalyst, good engineering practice                                                                                                                                                                     | 2           | PPMDV @ 15% O2 |                                        |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Flue Gas Heater                                                                                            | 0          |                 |                                                                                                                                                                                                                   | 0.037       | LB             | MMBTU                                  |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine without Duct Burner                                                                     | 3509       | MMBTU/hr        | Oxidation Catalyst                                                                                                                                                                                                | 2           | PPMDV          | CORRECTED TO 15% O2                    |
| 8/27/2018  | RENAISSANCE ENERGY CENTER                                 | *PA-0319 | COMBUSTION TURBINE UNIT w/o DUCT BURNERS UNIT                                                              | 2665.9     | MMBTU/hr        | Oxidation Catalyst                                                                                                                                                                                                | 2           | PPPDV          | @15% O2                                |
| 8/20/2019  | ESC TIOGA COUNTY POWER LLC/ELEC PWR GEN FAC               | PA-0333  | COMBUSTION TURBINE/DUCT BURNER                                                                             | 4469       | MMBTU/Hr        |                                                                                                                                                                                                                   | 1.5         | PPMVD          | @ 15% O2 / 1 HR                        |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT                       | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #2 (Natural Gas)                                                          | 4546       | MMBTU/Hr        | SCR, CATALYTIC OXIDIZER                                                                                                                                                                                           | 1.5         | PPMVD          | @ 15% O2 / 1 HR                        |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT                       | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #1 (Natural Gas)                                                          | 4546       | MMBTU/Hr        | SCR, Catalytic Oxidizer                                                                                                                                                                                           | 1.5         | PPMVD          | @ 15% O2 / 1 HR                        |
| 4/19/2016  | JOHNSONVILLE COGENERATION                                 | TN-0162  | Natural Gas-Fired Combustion Turbine with HRSG                                                             | 1339       | MMBTU/hr        | Good combustion design and practices, oxidation catalyst                                                                                                                                                          | 2           | PPMVD @ 15% O2 | 30 UNIT-OPERATING-DAY MOVING AVERAGE   |
| 2/1/2018   | TVA - JOHNSONVILLE COGENERATION                           | *TN-0164 | Dual-fuel CT and HRSG with duct burner                                                                     | 1020       | MMBTU/hr        | Oxidation catalyst, good combustion design & practice                                                                                                                                                             | 2           | PPMVD @ 15% O2 | 30-DAY AVG WHEN BURNING NATURAL GAS    |
| 3/31/2015  | CEDAR BAYOU ELECTRIC GENERATING STATION                   | TX-0727  | Combined cycle turbines                                                                                    | 187        | MW/turbine      | Oxidation catalysts                                                                                                                                                                                               | 15          | PPMVD          | 15%O2                                  |
| 4/1/2015   | COLORADO BEND ENERGY CENTER                               | TX-0730  | Combined-cycle gas turbine electric generating facility                                                    | 1100       | MW              | SCR and oxidation catalyst                                                                                                                                                                                        | 4           | PPMVD @ 15% O2 | 3-HR AVERAGE                           |
| 6/18/2015  | EAGLE MOUNTAIN STEAM ELECTRIC STATION                     | TX-0751  | Combined Cycle Turbines (25 MW) natural gas                                                                | 210        | MW              | Oxidation catalyst                                                                                                                                                                                                | 2           | PPM            | ROLLING 24-HR AVERAGE                  |
| 10/2/2015  | LON C. HILL POWER STATION                                 | TX-0767  | Combined Cycle Turbines (25 MW)                                                                            | 195        | MW              | Oxidation Catalyst                                                                                                                                                                                                | 2           | PPM            | ROLLING 24-HR AVERAGE                  |
| 11/4/2015  | FGE EAGLE PINES PROJECT                                   | TX-0773  | Combined Cycle Turbines (25 MW)                                                                            | 321        | MW              | Oxidation Catalyst                                                                                                                                                                                                | 2           | PPM            | 3-HR AVERAGE                           |
| 3/24/2016  | NECHES STATION                                            | TX-0788  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | OXIDATION CATALYST                                                                                                                                                                                                | 4           | PPM            | HOURLY                                 |
| 3/8/2016   | DECORDOVA STEAM ELECTRIC STATION                          | TX-0789  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | OXIDATION CATALYST                                                                                                                                                                                                | 4           | PPM            |                                        |
| 2/17/2016  | PORT ARTHUR LNG EXPORT TERMINAL                           | TX-0790  | Refrigeration Compression Turbines                                                                         | 10         | M TONNES/YR     | Dry low NOx burners and good combustion practices                                                                                                                                                                 | 25          | PPM            | ROLLING 3-HR AVERAGE                   |
| 4/28/2017  | GAINES COUNTY POWER PLANT                                 | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Selective Catalytic Reduction (SCR) and Dry Low NOx burners                                                                                                                                                       | 2           | PPMVD          | 15% O2 3-H AVG                         |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                           | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | OXIDATION CATALYST                                                                                                                                                                                                | 2           | PPMVD          | 15% O2 3 HOUR AVERAGE                  |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                           | TX-0834  | COMBINED CYCLE TURBINE MSS REDUCED LOAD                                                                    | 0          |                 | minimizing duration of startup / shutdown events, engaging the pollution control equipment as soon as practicable (based on vendor recommendations and guarantees), and meeting the emissions limits on the MAERT | 8000        | LB/H           |                                        |
| 9/15/2022  | LNG EXPORT TERMINAL                                       | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | good combustion practices.                                                                                                                                                                                        | 25          | PPM            | 24-HR AVG                              |
| 3/17/2021  | UNIT 5                                                    | TX-0915  | COMBINED CYCLE TURBINE                                                                                     | 0          |                 | OXIDATION CATALYST                                                                                                                                                                                                | 4           | PPMVD          | 3-HR ROLLING                           |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                      | TX-0939  | Combined Cycle Turbines                                                                                    | 1215       | MW              | Oxidation Catalyst and good combustion practices                                                                                                                                                                  | 2           | PPMVD          | 15% O2 24-HR AVERAGE                   |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                      | TX-0939  | TURBINE MSS                                                                                                | 0          |                 | On-line turbine washing, turbine filter changeouts, catalyst handling, fuel venting, CEMS calibration, fugitive/small equipment maintenance Good air pollution control practices and safe operating practices.    | 0           |                |                                        |

**RBLC Entries for Carbon Monoxide Control from Turbines**

| Date       | Facility Name                | RBLC ID  | PROCESS NAME                                                                                       | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                  | Limit No. 1 | Unit              | Averaging Period                         |
|------------|------------------------------|----------|----------------------------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|------------------------------------------|
| 6/17/2016  | GREENSVILLE POWER STATION    | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)                    | 3227       | MMBTU/HR        | Oxidation Catalyst                                                                                                                                                                                                                                                              | 1.6         | PPMVD             | 3 HR AVG                                 |
| 4/26/2018  | C4GT, LLC                    | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                | 34000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 1           | PPMVD@ 15% O2     | 3 HR AV/WITHOUT DB                       |
| 4/26/2018  | C4GT, LLC                    | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                           | 35000      | MMCF/YR         | Oxidation catalyst & good combustion practice                                                                                                                                                                                                                                   | 1.8         | PPMVD @ 15% O2    | 3 H AV/WITH OR WITHOUT DB                |
| 4/26/2018  | C4GT, LLC                    | VA-0328  | GE Combustion Turbine - Tuning; Water Washing                                                      | 34000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 194         | LB/TURBINE/DAY    | 24 HR AV                                 |
| 4/26/2018  | C4GT, LLC                    | VA-0328  | GE Combustion Turbine - Startup and Shutdown                                                       | 34000      | MMCF/YR         | Oxidation catalyst and good combustion practice                                                                                                                                                                                                                                 | 840         | LB/TURBINE/EVENT  | COLD START 60 MIN OR LESS                |
| 4/26/2018  | C4GT, LLC                    | VA-0328  | Siemens Combustion Turbine - Tuning; Water Washing                                                 | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 309         | LB/TURBINE/DAY    | 24 HR AV                                 |
| 4/26/2018  | C4GT, LLC                    | VA-0328  | Siemens Combustion Turbine - Startup; Shutdown                                                     | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 434         | LB/TURBINE/EVENT  | COLD START 55 MIN OR LESS                |
| 6/24/2019  | CHICKAHOMINY POWER LLC       | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                           | 35000      | MMCF/YR         | Controlled by an oxidation catalyst and good combustion practices (e.g. controlled fuel/air mixing, adequate temperature, and gas residence time).                                                                                                                              | 1           | PPMVD @ 15% O2    | 3 HR AVG                                 |
| 6/24/2019  | CHICKAHOMINY POWER LLC       | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems Combustion                                              | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 214         | LB/TURBINE/DAY    | 24 HR TOTAL                              |
| 6/24/2019  | CHICKAHOMINY POWER LLC       | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                           | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 444         | LB/TURBINE/EVENT  | COLD START 42 MIN OR LESS                |
| 12/1/2020  | DOMINION ENERGY - BRUNSWICK  | VA-0334  | COMBUSTION TURBINE GENERATORS, (3) with Alternate Operating Scenario - Turbine Tuning              | 3442       | MMBTU/H         | Oxidation catalyst and good combustion practices.                                                                                                                                                                                                                               | 416         | LBS               | CALENDAR DAY/PER TURBINE                 |
| 12/1/2020  | DOMINION ENERGY - BRUNSWICK  | VA-0334  | COMBUSTION TURBINE GENERATORS, (3) with Alternate Operating Scenario - Turbine Blade Water Washing | 3442       | MMBTU/H         | Oxidation catalyst and good combustion practices.                                                                                                                                                                                                                               | 416         | LBS               | CALENDAR DAY/PER TURBINE                 |
| 12/18/2020 | PANDA STONEWALL LLC          | *VA-0335 | Combustion Turbines, Two (2) and HRSG Duct Burners                                                 | 2.55       | MMBTU/H         | Catalytic Oxidizer                                                                                                                                                                                                                                                              | 2           | PPMVD @ 15% O2    | NORMAL OPERATION W & W/O DUCT BURNING    |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER  | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                     | 4671       | MMBTU/H         | Oxidation Catalyst and good combustion controls                                                                                                                                                                                                                                 | 1.5         | PPM AT 15% O2     | 168-HR ROLLING AVG., NATURAL GAS         |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER  | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas)                 | 0          |                 |                                                                                                                                                                                                                                                                                 | 11066       | LB/START-UP       |                                          |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER  | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)                      | 0          |                 |                                                                                                                                                                                                                                                                                 | 25846       | LB/START-UP       |                                          |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase I Commissioning                              | 2208       | MMBTU/H         |                                                                                                                                                                                                                                                                                 | 1750        | PPMVD, 15% OXYGEN | AVG. ANY 24-HR OPERATIONAL               |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase II Commissioning                             | 2208       | MMBTU/H         |                                                                                                                                                                                                                                                                                 | 150         | PPMVD, 15% OXYGEN | AVG. ANY 24-HR OPERATIONAL PERIOD        |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER  | *WI-0326 | Combustion Turbine; S01/P01/C01a (SCR)/C01b (oxidation catalyst)                                   | 4671       | MMBTu/hr        | Except during start-up and shutdown, BACT has been determined to be:<br>(a) An oxidation catalyst shall be used to control emissions from P01 while P01 is in operation.<br>(b) The permittee shall use good combustion control according to the manufacturers recommendations. | 1.5         | PPM               | 168-HOUR ROLLING AVE, FIRING NATURAL GAS |
| 3/27/2018  | HARRISON COUNTY POWER PLANT  | *WV-0029 | GE 7HA.02 Turbine                                                                                  | 3496.2     | mmBtu/hr        | Oxidation Catalyst, Good Combustion Practices                                                                                                                                                                                                                                   | 20          | LB/HR             | 1-HOUR AVERAGE                           |
| 9/18/2018  | BROOKE COUNTY POWER PLANT    | *WV-0032 | GE 7HA.01 Turbine                                                                                  | 2737.7     | mmBtu/hr        | Oxidation Catalyst, Good Combustion Practices                                                                                                                                                                                                                                   | 14.1        | LB/HR             |                                          |
| 1/5/2022   | MAIDSVILLE                   | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                         | 1275       | mw              | Good Combustion Practices and OxCat                                                                                                                                                                                                                                             | 2           | PPMDV @ 15% O2    | 3-HOUR BLOCK AVERAGE                     |
| 1/5/2022   | MAIDSVILLE                   | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                         | 1275       | mw              | Good Combustion Practices and Oxidation catalyst                                                                                                                                                                                                                                | 2           | PPMDV @ 15% O2    | 3-HOUR BLOCK AVERAGE                     |

**RBLC Entries for PM<sub>10</sub> Control from Turbines**

| Date       | Facility Name                                         | RBLC ID  | PROCESS NAME                                                              | THROUGHPUT | THROUGHPUT UNIT      | Control Method                                                                    | Limit No. 1 | Unit                  | Averaging Period                         |
|------------|-------------------------------------------------------|----------|---------------------------------------------------------------------------|------------|----------------------|-----------------------------------------------------------------------------------|-------------|-----------------------|------------------------------------------|
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines) | 576        | MMBtu/hr             | Good Combustion Practices and burning clean fuels (NG)                            | 0.0063      | LB/MMBTU              | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines) | 576        | MMBtu/hr             | Good combustion practices and clean burning fuel (NG)                             | 0.0063      | LB/MMBTU              | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines))        | 431        | MMBtu/hr             | Good Combustion Practices and burning clean fuels (NG)                            | 0.0063      | LB/MMBTU              | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines))        | 431        | MMBtu/hr             | Good Combustion Practices and burning clean fuels (NG)                            | 0.0063      | LB/MMBTU              | 3-HOUR AVERAGE                           |
| 7/7/2022   | LIQUEFACTION PLANT                                    | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                    | 384        | MMBtu/hr             | Good combustion practices and burning clean fuel (natural gas)                    | 0.007       | LB/MMBTU              | 3-HOURS                                  |
| 7/7/2022   | LIQUEFACTION PLANT                                    | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                    | 384        | MMBtu/hr             | Good combustion practices and burning clean fuel (natural gas)                    | 0.007       | LB/MMBTU              | 3-HOURS                                  |
| 11/9/2020  | PLANT BARRY                                           | AL-0328  | Two 744 MW Combined Cycle Units                                           | 744        | MW                   |                                                                                   | 0.004       | LB/MMBTU              | 3 HOUR AVG                               |
| 4/25/2018  | PALMDALE ENERGY PROJECT                               | CA-1251  | Combustion Turbines (GEN1 and GEN2)                                       | 2217       | MMBTU/H              | Clean fuel and good combustion practices                                          | 0.0048      | LB/MMBTU              | TEST AVERAGE                             |
| 4/25/2018  | PALMDALE ENERGY PROJECT                               | CA-1251  | Combustion Turbines (GEN1 and GEN2)                                       | 2217       | MMBTU/H              | Clean fuel and good combustion practices                                          | 0.0048      | LB/MMBTU              | TEST AVERAGE                             |
| 6/30/2017  | KILLINGLY ENERGY CENTER                               | CT-0161  | Natural Gas w/o Duct Firing                                               | 2969       | MMBtu/hr             | Good Combustion                                                                   | 0.044       | LB/MMBTU              |                                          |
| 6/30/2017  | KILLINGLY ENERGY CENTER                               | CT-0161  | Natural Gas w/Duct Firing                                                 | 2639       | MMBtu/hr             | Good Combustion                                                                   | 0.005       | LB/MMBTU              |                                          |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                        | FL-0356  | Combined-cycle electric generating unit                                   | 3096       | MMBtu/hr per turbine | Use of clean fuels                                                                |             | GRAIN S/100 SCF 2 GAS | FOR NATURAL GAS                          |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                        | FL-0356  | Combined-cycle electric generating unit                                   | 3096       | MMBtu/hr per turbine | Use of clean fuels                                                                |             | 2 GR. S/100 SCF GAS   | FOR NATURAL GAS                          |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                             | FL-0363  | 2-on-1 combined cycle unit (GE 7HA)                                       | 4000       | MMBtu/hr             | Clean fuels                                                                       | 0           |                       |                                          |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                             | FL-0363  | 2-on-1 combined cycle unit (GE 7HA)                                       | 4000       | MMBtu/hr             | Clean fuels                                                                       | 0           |                       |                                          |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0367  | 1-on-1 combined cycle unit (GE 7HA)                                       | 3266.9     | MMBtu/hour           | Clean fuels                                                                       | 0           |                       |                                          |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0367  | 1-on-1 combined cycle unit (GE 7HA)                                       | 3266.9     | MMBtu/hour           | Clean fuels                                                                       | 0           |                       |                                          |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                    | 3622.1     | MMBtu/hour           | Low sulfur fuel                                                                   | 1.4         | GR. S/100 SCF NG      |                                          |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                    | 3622.1     | MMBtu/hour           | Clean fuels                                                                       | 1.4         | GR. S/100 SCF NG      |                                          |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                        | IL-0129  | Combined Cycle Combustion Turbines                                        | 3474       | mmBtu/hr             | Good combustion practices                                                         | 0.0037      | LB/MMBTU              | 3-HOUR BLOCK AVERAGE                     |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                        | IL-0129  | Combined Cycle Combustion Turbines                                        | 3474       | mmBtu/hr             | Good combustion practice                                                          | 0.0069      | LB/MMBTU              | 3-HOUR BLOCK AVERAGE                     |
| 12/31/2018 | JACKSON ENERGY CENTER                                 | IL-0130  | Combined-Cycle Combustion Turbine                                         | 3864       | mmBtu/hr             | Good combustion practices                                                         | 0.0026      | LB/MMBTU              | 3-HR BLOCK AVERAGE                       |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                            | IL-0133  | Combined-Cycle Combustion Turbines                                        | 3647       | mmBtu/hour           | Good combustion practices                                                         | 0.0032      | POUNDS/MMBTU          | WITH DUCT BURNER; ROLLING 3-OPERATING HR |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                            | IL-0133  | Combined-Cycle Combustion Turbines                                        | 3647       | mmBtu/hour           | Good combustion practices.                                                        | 0.0041      | POUNDS/MMBTU          | ROLLING 3-OPERATING HOUR                 |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGB                                               | 4200       | MMBtu per hour       |                                                                                   | 0.0074      | LB PER MMBTU          |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGB                                               | 4200       | MMBtu per hour       |                                                                                   | 0.0074      | POUND PER MMBTU       |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGA SU/SD                                         | 3800       | MMBtu per hour       |                                                                                   | 5.3         | LB/EVENT              |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGB SU/SD                                         | 0          |                      |                                                                                   | 14          | LB/EVENT              | HOT START                                |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGA                                               | 3800       | MMBtu per hour       |                                                                                   | 0.0049      | POUND PER MMBTU       |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                                | *IN-0365 | Combined Cycle Turbine CTGA                                               | 3800       | MMBtu per hour       |                                                                                   | 0.0049      | LB PER MMBTU          |                                          |
| 2/14/2025  | DUKE ENERGY INDIANA, INC. - CAYUGA GENERATING STATION | IN-0382  | Lube Oil Demister Vents                                                   | 0          |                      | good engineering design and operating practices                                   | 0           |                       |                                          |
| 2/14/2025  | DUKE ENERGY INDIANA, INC. - CAYUGA GENERATING STATION | IN-0382  | Combustion Turbines (6A and 6B)                                           | 4254       | MMBtu/hr             | Good Combustion Practices and combustng pipeline-quality natural gas              | 0.0042      | LB/MMBTU              | 3-HOUR AVERAGE EXCL. SU/SD               |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY                  | KS-0029  | Combined cycle combustion turbine                                         | 250        | MW                   | dry low NOx burners<br>heat recovery steam generator (HRSG)                       | 30.2        | LB/H                  |                                          |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY                  | KS-0029  | Combined cycle combustion turbine                                         | 250        | MW                   | dry low NOx burners<br>heat recovery steam generator (HRSG)                       | 30.2        | LB/H                  |                                          |
| 8/31/2016  | ST. CHARLES POWER STATION                             | LA-0313  | SCPS Combined Cycle Unit 1A                                               | 3625       | MMBTU/hr             | Good combustion practices and clean burning fuels (natural gas)                   | 17.52       | LB/H                  | HOURLY MAXIMUM                           |
| 8/31/2016  | ST. CHARLES POWER STATION                             | LA-0313  | SCPS Combined Cycle Unit 1B                                               | 3625       | MMBTU/hr             | Good combustion practices and clean burning fuels (natural gas)                   | 17.52       | LB/H                  | HOURLY MAXIMUM                           |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                            | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                       | 921        | MM BTU/h             | Exclusive Combustion of Fuel Gas and Good Combustion Practices.                   | 9.53        | LB/H                  | 3 HOUR AVERAGE                           |
| 1/6/2020   | FG LA COMPLEX                                         | LA-0364  | Cogeneration Units                                                        | 2222       | mm btu/h             | Use of pipeline quality natural gas or fuel gas and good combustion practices.    | 12.46       | LB/H                  |                                          |
| 6/27/2019  | BIG CAJUN I POWER PLANT                               | *LA-0365 | Combustion Turbine #1 (EQT0002, CTG-1)                                    | 1679       | MM BTU/hr            | Good Combustion Controls                                                          | 19          | LB/HR                 | HOURLY MAXIMUM                           |
| 6/27/2019  | BIG CAJUN I POWER PLANT                               | *LA-0365 | Combustion Turbine #2 (EQT0003, CTG-2)                                    | 1679       | MM BTU/hr            | Good Combustion Controls                                                          | 19          | LB/HR                 | HOURLY MAXIMUM                           |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1              | LA-0391  | Combined Cycle Gas Turbine w/ Duct Burners and HRSG                       | 5081       | mm BTU/h             | Use of gaseous fuel (pipeline-quality natural gas) and good combustion practices. | 0.008       | LB/MM BTU             | 3 ONE-HOUR TEST AVERAGE                  |

**RBLC Entries for PM<sub>10</sub> Control from Turbines**

| Date       | Facility Name                                   | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                      | Limit No. 1 | Unit     | Averaging Period                         |
|------------|-------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------|-------------|----------|------------------------------------------|
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1        | LA-0391  | Combined Cycle Gas Turbine Startup and Shutdown                                                                              | 5081       | mm BTU/h        | Good combustion practices.                                                                          | 18          | LB/HR    |                                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                        | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                                                         | 286        | MW              | USE OF PIPELINE-QUALITY NATURAL GAS EXCLUSIVELY AND GOOD COMBUSTION PRACTICE                        | 8.9         | LB/H     | 3-HOUR BLOCK AVERAGE (W/OUT DUCT FIRING) |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                        | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                                                         | 286        | MW              | USE OF PIPELINE QUALITY NATURAL GAS EXCLUSIVELY AND GOOD COMBUSTION PRACTICES                       | 17.9        | LB/H     | W/OUT DUCT FIRING, AVG. OF 3 STACK TESTS |
| 1/4/2017   | INDECK NILES, LLC                               | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                                                                 | 8322       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 9.9         | LB/H     | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 1/4/2017   | INDECK NILES, LLC                               | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                                                                 | 8322       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 19.8        | LB/H     | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                                                       | 554        | MMBTU/H, each   | Good combustion practices and the use of pipeline quality natural gas.                              | 0.007       | LB/MMBTU | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                                                       | 554        | MMBTU/H, each   | Good combustion practices and the use of pipeline quality natural gas.                              | 0.014       | LB/MMBTU | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 11/17/2017 | FILER CITY STATION                              | MI-0427  | EUCCT (Combined cycle CTG with unfired HRSG)                                                                                 | 1934.7     | MMBTU/H         | Good combustion practices and the use of pipeline quality natural gas, combustion inlet air filter. | 0.0025      | LB/MMBTU |                                          |
| 11/17/2017 | FILER CITY STATION                              | MI-0427  | EUCCT (Combined cycle CTG with unfired HRSG)                                                                                 | 1934.7     | MMBTU/H         | Good combustion practices and the use of pipeline quality natural gas, combustion inlet air filter. | 0.0066      | LB/MMBTU |                                          |
| 7/30/2018  | NEW COVERT GENERATING FACILITY                  | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                                 | 1230       | MW              | Use clean fuel (natural gas) and good combustion practices.                                         | 10.7        | LB/H     | HOURLY; EACH CT/HRSG TRAIN               |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 5.8         | LB/H     | HOURLY                                   |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Good combustion practices, inlet air conditioning and the use of pipeline quality natural gas.      | 19.1        | LB/H     | HOURLY                                   |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 5.8         | LB/H     | HOURLY                                   |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 19.1        | LB/H     | HOURLY                                   |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT          | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                 | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 16          | LB/H     | HOURLY; EACH UNIT                        |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT          | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                 | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 16          | LB/H     | HOURLY; EACH UNIT                        |
| 4/2/2019   | JACKSON GENERATING STATION                      | MI-0439  | FGLMDB1-6 (6 combined cycle natural gas fired CTG each equipped with a HRSG)                                                 | 420        | MW              | Combustion inlet air filters, good combustion practices and only combust natural gas.               | 4.9         | LB/H     | 24-HR AVG, EACH HR UNIT OPERATES, EACH   |
| 12/21/2018 | LBWL--ERICKSON STATION                          | MI-0441  | EUCTGHRSG2--A 667 MMBTU/H natural gas fired CTG with a HRSG.                                                                 | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.                | 6.02        | LB/H     | HOURLY                                   |
| 12/21/2018 | LBWL--ERICKSON STATION                          | MI-0441  | EUCTGHRSG1--A 667 MMBTU/H NG fired combustion turbine generator coupled with a heat recovery steam generator (HRSG)          | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.                | 6.02        | LB/H     | HOURLY                                   |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                     | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW              | Low sulfur fuel and good combustion practices.                                                      | 0.0034      | LB/MMBTU | HOURLY; EACH UNIT                        |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                     | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW              | Low sulfur fuel and good combustion practices.                                                      | 0.006       | LB/MMBTU | HOURLY; EACH UNIT                        |
| 11/26/2019 | INDECK NILES, LLC                               | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 9.9         | LB/H     | HOURLY; EACH CTGHRSG                     |
| 11/26/2019 | INDECK NILES, LLC                               | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 19.8        | LB/H     | HOURLY; EACH CTGHRSG                     |
| 1/7/2021   | LBWL--ERICKSON STATION                          | MI-0447  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.                | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL OPERAT. MODES |
| 1/7/2021   | LBWL--ERICKSON STATION                          | MI-0447  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.                | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL OPERAT. MODES |
| 6/23/2022  | MEC NORTH, LLC                                  | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 5.7         | LB/H     | HOURLY                                   |

**RBLC Entries for PM<sub>10</sub> Control from Turbines**

| Date       | Facility Name                                     | RBLC ID | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                 | Limit No. 1 | Unit     | Averaging Period                         |
|------------|---------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------|-------------|----------|------------------------------------------|
| 6/23/2022  | MEC NORTH, LLC                                    | MI-0451 | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | Good combustion practices, inlet air conditioning and the use of pipeline quality natural gas. | 19.1        | LB/H     | HOURLY                                   |
| 6/23/2022  | MEC SOUTH, LLC                                    | MI-0452 | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | Good Combustion Practices, inlet air conditioning, and the use of pipeline quality natural gas | 5.7         | LB/H     | HOURLY                                   |
| 6/23/2022  | MEC SOUTH, LLC                                    | MI-0452 | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | Good Combustion Practices, inlet air conditioning, and the use of pipeline quality natural gas | 19.1        | LB/H     | HOURLY                                   |
| 12/20/2022 | LBWL-ERICKSON STATION                             | MI-0454 | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.           | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL OPER. MODES   |
| 12/20/2022 | LBWL-ERICKSON STATION                             | MI-0454 | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.           | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL MODES         |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP  | MI-0455 | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Use of pipeline quality natural gas and good combustion practices.                             | 34.4        | LB/H     | HOURLY                                   |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP  | MI-0455 | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Use of pipeline quality natural gas and good combustion practices.                             | 34.4        | LB/H     | HOURLY                                   |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                      | NJ-0085 | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr            | USE OF NATURAL GAS A CLEAN BURNING FUEL                                                        | 10.4        | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                      | NJ-0085 | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr            | COMPLIANCE BY STACK TESTING                                                                    | 18.3        | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                      | NJ-0085 | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR            | USE OF NATURAL GAS A CLEAN BURNING FUEL                                                        | 4.4         | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                      | NJ-0085 | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR            | USE OF NATURAL GAS A CLEAN BURNING FUEL                                                        | 11.7        | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP                      | NJ-0088 | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                                  | 21042      | MMCubic ft/yr   | USE OF CLEAN NATURAL GAS AND ULSD CLEAN BURNING FUELS                                          | 9.3         | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP                      | NJ-0088 | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                                  | 21042      | MMCubic ft/yr   | USE OF NATURAL GAS AND ULSD; BOTH CLEAN BURNING FUELS                                          | 11.58       | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                     | OH-0365 | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                                                      | 2022       | MMBTU/H         | good combustion practices along with clean fuels                                               | 0.0068      | LB/MMBTU | HHV, 3 HR AVG. SEE NOTES.                |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                     | OH-0365 | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                                                      | 2022       | MMBTU/H         | good combustion practices along with clean fuels                                               | 0.0068      | LB/MMBTU | HHV, 3 HR AVG. SEE NOTES.                |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                     | OH-0365 | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                                                      | 2144       | MMBTU/H         | good combustion practices along with clean fuels                                               | 0.0085      | LB/MMBTU | HHV, 3 HR AVG. SEE NOTES.                |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                     | OH-0365 | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                                                      | 2144       | MMBTU/H         | good combustion practices along with clean fuels                                               | 0.0085      | LB/MMBTU | HHV, 3 HR AVG. SEE NOTES.                |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC              | OH-0366 | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 2725       | MMBTU/H         | Low sulfur fuel                                                                                | 14.9        | LB/H     | WITH DUCT BURNER. SEE NOTES.             |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                            | OH-0367 | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3131       | MMBTU/H         | Good combustion controls                                                                       | 25          | LB/H     | NAT GAS, WITH DUCT BURNER. SEE NOTES.    |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370 | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H         | Good combustion controls and low sulfur fuel                                                   | 15.2        | LB/H     | WITH DUCT BURNER. SEE NOTES.             |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372 | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3055       | MMBTU/H         | good combustion practices and pipeline quality natural gas                                     | 15.4        | LB/H     | WITH DUCT BURNER. SEE NOTES.             |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374 | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                                             | 3516       | MMBTU/H         | pipeline quality natural gas                                                                   | 0.0073      | LB/MMBTU | SEE NOTES.                               |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374 | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                                             | 3516       | MMBTU/H         | pipeline quality natural gas                                                                   | 0.0073      | LB/MMBTU | SEE NOTES.                               |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375 | General Electric Combustion Turbine (P004)                                                                                   | 3544       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                           | 0.0036      | LB/MMBTU |                                          |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375 | General Electric Combustion Turbine (P004)                                                                                   | 3544       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                           | 0.0036      | LB/MMBTU |                                          |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375 | Mitsubishi Combustion Turbine (P005)                                                                                         | 3320       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                           | 0.004       | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375 | Mitsubishi Combustion Turbine (P005)                                                                                         | 3320       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                           | 0.004       | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375 | Siemens Combustion Turbine (P006)                                                                                            | 3602       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                           | 0.0057      | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375 | Siemens Combustion Turbine (P006)                                                                                            | 3602       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                           | 0.0057      | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                    | OH-0377 | General Electric (GE) Combustion Turbines (P005; P006)                                                                       | 3459.6     | MMBTU/H         | Good combustion practices and pipeline quality natural gas                                     | 0.0052      | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |

**RBLC Entries for PM<sub>10</sub> Control from Turbines**

| Date       | Facility Name                                             | RBLC ID  | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                    | Limit No. 1 | Unit     | Averaging Period             |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------|-------------|----------|------------------------------|
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                     | 3459.6     | MMBTU/H         | Good combustion practices and pipeline quality natural gas        | 0.0052      | LB/MMBTU | WITH DUCT BURNER. SEE NOTES. |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                   | 3231       | MMBTU/H         | Good combustion practices and pipeline quality natural gas        | 0.005       | LB/MMBTU | WITH DUCT BURNER. SEE NOTES. |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                   | 3231       | MMBTU/H         | Good combustion practices and pipeline quality natural gas        | 0.005       | LB/MMBTU | WITH DUCT BURNER. SEE NOTES. |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC                  | PA-0306  | Large combustion turbine                                                                                   | 0          |                 | Good combustion practices with the use of low ash/sulfur fuels    | 0.0039      | LB/MMBTU |                              |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC                  | PA-0306  | Large combustion turbine                                                                                   | 0          |                 | Good combustion practices with the use of low ash/sulfur fuels    | 0.0039      | LB/MMBTU |                              |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two combined cycle turbines with out duct burner                                                           | 2291.64    | MCF/hr          | Good combustion practices and low sulfur fuels                    | 0.0068      | LB/MMBTU |                              |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two combined cycle turbines with out duct burner                                                           | 2291.64    | MCF/hr          | Good combustion practices and low sulfur fuels                    | 0.0068      | LB/MMBTU |                              |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                                      | 3001.57    | MCF/hr          | Good combustion practices and low sulfur fuels                    | 0.0066      | LB/MMBTU |                              |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                                      | 3001.57    | MCF/hr          | Good combustion practices and low sulfur fuels                    | 0.0066      | LB/MMBTU |                              |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                              | PA-0309  | Combustion turbine with duct burner                                                                        | 3304.3     | MMBTu/hr        | Exclusive natural gas, high-efficiency inlet air filters and DLN  | 0.003       | LB/MMBTU |                              |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                              | PA-0309  | Combustion turbine with duct burner                                                                        | 3304.3     | MMBTu/hr        | Exclusive natural gas, high-efficiency inlet air filters and DLN  | 0.0059      | LB/MMBTU |                              |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                                       | 3338       | MMBTu/hr        | Low sulfur fuel, good combustion practices                        | 0.005       | LB/MMBTU |                              |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                                       | 3338       | MMBTu/hr        | Low sulfur fuel, good combustion practices                        | 0.005       | LB/MMBTU |                              |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG without duct burner NG only                                                    | 0          |                 | Low sulfur fuels and good combustion practices                    | 0.0068      | LB/MMBTU |                              |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG without duct burner NG only                                                    | 0          |                 | Low sulfur fuels and good combustion practices                    | 0.0068      | LB/MMBTU |                              |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                                        | 3727       | MMBTu/hr        |                                                                   | 0.0063      | LB/MMBTU |                              |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                                        | 3727       | MMBTu/hr        |                                                                   | 0.0063      | LB/MMBTU |                              |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine without Duct Burner                                                                     | 0          |                 |                                                                   | 0.0063      | LB/MMBTU |                              |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine without Duct Burner                                                                     | 0          |                 |                                                                   | 0.0063      | LB/MMBTU |                              |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine without Duct Burner                                                                     | 3509       | MMBTu/hr        |                                                                   | 0.0072      | LB       | MMBTU                        |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine without Duct Burner                                                                     | 3509       | MMBTu/hr        |                                                                   | 0.0072      | LB       | MMBTU                        |
| 8/27/2018  | RENAISSANCE ENERGY CENTER                                 | *PA-0319 | COMBUSTION TURBINE UNIT w/o DUCT BURNERS UNIT                                                              | 2665.9     | MMBTu/hr        |                                                                   | 0.0043      | LB/MMBTU |                              |
| 8/27/2018  | RENAISSANCE ENERGY CENTER                                 | *PA-0319 | COMBUSTION TURBINE UNIT w/o DUCT BURNERS UNIT                                                              | 2665.9     | MMBTu/hr        |                                                                   | 0.0043      | LB/MMBTU | HR                           |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT                       | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #2 (Natural Gas)                                                          | 4546       | MMBTu/Hr        | SCR, CATALYTIC OXIDIZER                                           | 0.005       | LB/MMBTU |                              |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT                       | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #1 (Natural Gas)                                                          | 4546       | MMBTu/Hr        | SCR, Catalytic Oxidizer                                           | 0.005       | LB/MMBTU |                              |
| 4/19/2016  | JOHNSONVILLE COGENERATION                                 | TN-0162  | Natural Gas-Fired Combustion Turbine with HRSG                                                             | 1339       | MMBTu/hr        | Good combustion design and practices                              | 0.005       | LB/MMBTU |                              |
| 2/1/2018   | TVA - JOHNSONVILLE COGENERATION                           | *TN-0164 | Dual-fuel CT and HRSG with duct burner                                                                     | 1020       | MMBTu/hr        | Good combustion design & practice                                 | 0.005       | LB/MMBTU | WHEN BURNING NATURAL GAS     |
| 4/1/2015   | COLORADO BEND ENERGY CENTER                               | TX-0730  | Combined-cycle gas turbine electric generating facility                                                    | 1100       | MW              | efficient combustion, natural gas fuel                            | 43          | LB/H     |                              |
| 4/1/2015   | COLORADO BEND ENERGY CENTER                               | TX-0730  | Combined-cycle gas turbine electric generating facility                                                    | 1100       | MW              | efficient combustion, natural gas fuel                            | 43          | LB/H     |                              |
| 6/18/2015  | EAGLE MOUNTAIN STEAM ELECTRIC STATION                     | TX-0751  | Combined Cycle Turbines (25 MW) natural gas                                                                | 210        | MW              |                                                                   | 35.47       | LB/H     |                              |
| 10/2/2015  | LON C. HILL POWER STATION                                 | TX-0767  | Combined Cycle Turbines (25 MW)                                                                            | 195        | MW              | Good combustion practices and use of pipeline quality natural gas | 16          | LB/HR    |                              |
| 11/4/2015  | FGE EAGLE PINES PROJECT                                   | TX-0773  | Combined Cycle Turbines (25 MW)                                                                            | 321        | MW              |                                                                   | 21.4        | LB/H     |                              |
| 3/24/2016  | NECHES STATION                                            | TX-0788  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES, LOW SULFUR FUEL                        | 19.35       | LB/H     |                              |
| 3/8/2016   | DECORDOVA STEAM ELECTRIC STATION                          | TX-0789  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES AND LOW SULFUR FUEL                     | 35.47       | LB/H     |                              |
| 2/17/2016  | PORT ARTHUR LNG EXPORT TERMINAL                           | TX-0790  | Refrigeration Compression Turbines                                                                         | 10         | M TONNES/YR     |                                                                   | 11.07       | LB/H     |                              |
| 2/17/2017  | CHOCOLATE BAYOU STEAM GENERATING (CBSG) STATION           | TX-0817  | Combined Cycle Cogeneration                                                                                | 50         | MW              |                                                                   | 6.98        | LB/H     |                              |
| 2/17/2017  | CHOCOLATE BAYOU STEAM GENERATING (CBSG) STATION           | TX-0817  | Combined Cycle Cogeneration                                                                                | 50         | MW              |                                                                   | 6.98        | LB/H     |                              |
| 4/28/2017  | GAINES COUNTY POWER PLANT                                 | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Pipeline quality natural gas; good combustion practices           | 0           |          |                              |

**RBLC Entries for PM<sub>10</sub> Control from Turbines**

| Date      | Facility Name                        | RBLC ID  | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                              | Limit No. 1 | Unit        | Averaging Period                        |
|-----------|--------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------------------------------------|
| 4/28/2017 | GAINES COUNTY POWER PLANT            | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Pipeline quality natural gas; good combustion practices                                                                                                                                                                                                     | 0           |             |                                         |
| 3/30/2018 | MONTGOMERY COUNTY POWER STATION      | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | PIPELINE NATURAL GAS, GOOD COMBUSTION                                                                                                                                                                                                                       | 125.7       | TON/YR      |                                         |
| 3/30/2018 | MONTGOMERY COUNTY POWER STATION      | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | PIPELINE NATURAL GAS, GOOD COMBUSTION                                                                                                                                                                                                                       | 125.7       | TON/YR      |                                         |
| 9/15/2022 | LNG EXPORT TERMINAL                  | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | Dry low NOx burners and good combustion practices.                                                                                                                                                                                                          | 11          | LB/HR       |                                         |
| 9/15/2022 | LNG EXPORT TERMINAL                  | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | Good combustion practices and use of pipeline quality natural gas                                                                                                                                                                                           | 0           |             |                                         |
| 3/17/2021 | UNIT 5                               | TX-0915  | COMBINED CYCLE TURBINE                                                                                     | 0          |                 | Low sulfur natural gas fuel                                                                                                                                                                                                                                 | 0           |             |                                         |
| 3/17/2021 | UNIT 5                               | TX-0915  | COMBINED CYCLE TURBINE                                                                                     | 0          |                 | Low sulfur natural gas fuel                                                                                                                                                                                                                                 | 0           |             |                                         |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION | TX-0939  | Combined Cycle Turbines                                                                                    | 1215       | MW              | good combustion practices                                                                                                                                                                                                                                   | 0.005       | LB/MMBTU    |                                         |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION | TX-0939  | Combined Cycle Turbines                                                                                    | 1215       | MW              | good combustion practices                                                                                                                                                                                                                                   | 0.005       | LB/MMBTU    |                                         |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION | TX-0939  | TURBINE MSS                                                                                                | 0          |                 | On-line turbine washing, turbine filter changeouts, catalyst handling, fuel venting, CEMS calibration, fugitive/small equipment maintenance Good air pollution control practices and safe operating practices.                                              | 0           |             |                                         |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION | TX-0939  | TURBINE MSS                                                                                                | 0          |                 | On-line turbine washing, turbine filter changeouts, catalyst handling, fuel venting, CEMS calibration, fugitive/small equipment maintenance Good air pollution control practices and safe operating practices.                                              | 0           |             |                                         |
| 6/17/2016 | GREENSVILLE POWER STATION            | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)                            | 3227       | MMBTU/HR        | Low sulfur/carbon fuel and good combustion practices                                                                                                                                                                                                        | 0.0039      | LB/MMBTU    | AVG OF 3 TEST RUNS                      |
| 4/26/2018 | C4GT, LLC                            | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                        | 34000      | MMCF/YR         | good combustion practices and the use of pipeline quality natural gas with a maximum sulfur content of 0.4 gr/100 scf on a 12-month rolling average.                                                                                                        | 0.0069      | LB/MMBTU    | AV OF 3 TEST RUNS                       |
| 4/26/2018 | C4GT, LLC                            | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                                   | 35000      | MMCF/YR         | good combustion practices and the use of pipeline quality natural gas with a maximum sulfur content of 0.4 gr/100 scf on a 12 mo rolling av.                                                                                                                | 0.0065      | LB/MMBTU    | AV OF 3 TEST RUNS/WITHOUT DUCT BURNING  |
| 6/24/2019 | CHICKAHOMINY POWER LLC               | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                   | 35000      | MMCF/YR         | Controlled by good combustion practices (e.g. controlled fuel/air mixing, adequate temperature, and gas residence time) and the use of pipeline-quality natural gas with a maximum sulfur content of 0.4 grains per 100 scf, on a 12-month rolling average. | 0.0052      | LB/MMBTU    | AVG. OF 3 TEST RUNS                     |
| 6/24/2019 | CHICKAHOMINY POWER LLC               | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                   | 35000      | MMCF/YR         | Controlled by good combustion practices (e.g. controlled fuel/air mixing, adequate temperature, and gas residence time) and the use of pipeline-quality natural gas with a maximum sulfur content of 0.4 grains per 100 scf, on a 12-month rolling average. | 0.0052      | LB/MMBTU    | AVG OF 3 TEST RUNS                      |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER          | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                             | 4671       | MMBTU/H         | Only combust pipeline quality natural gas and diesel fuel oil and use good combustion control according to the manufacturers recommendations.                                                                                                               | 36.3        | LB/H        | NATURAL GAS, DUCT FIRING                |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER          | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                             | 4671       | MMBTU/H         | Only pipeline quality natural gas and diesel fuel oil may be combusted and use good combustion control according to the manufacturers recommendations.                                                                                                      | 36.3        | LB/H        | NATURAL GAS, DUCT FIRING                |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER          | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas)                         | 0          |                 |                                                                                                                                                                                                                                                             | 43.6        | LB/START-UP |                                         |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER          | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas)                         | 0          |                 |                                                                                                                                                                                                                                                             | 43.6        | LB/START-UP |                                         |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER          | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)                              | 0          |                 |                                                                                                                                                                                                                                                             | 78.9        | LB/START-UP |                                         |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER          | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)                              | 0          |                 |                                                                                                                                                                                                                                                             | 78.9        | LB/START-UP |                                         |
| 9/19/2023 | NEMADJI TRAIL ENERGY CENTER          | *WI-0326 | Combustion Turbine; S01/P01/C01a (SCR)/C01b (oxidation catalyst)                                           | 4671       | MMBTU/hr        | Firing fuels with low ash content (e.g. natural gas) & good combustion control                                                                                                                                                                              | 36.3        | LB/HR       | FIRING NATURAL GAS AND WITH DUCT FIRING |
| 3/27/2018 | HARRISON COUNTY POWER PLANT          | *WV-0029 | GE 7HA.02 Turbine                                                                                          | 3496.2     | mmBtu/hr        | Air Filter, Use of Natural Gas, Good Combustion Practices                                                                                                                                                                                                   | 18.2        | LB/HR       |                                         |
| 9/18/2018 | BROOKE COUNTY POWER PLANT            | *WV-0032 | GE 7HA.01 Turbine                                                                                          | 2737.7     | mmBtu/hr        | Air Filter, Use of Natural Gas, Good Combustion Practices                                                                                                                                                                                                   | 16.9        | LB/HR       |                                         |
| 1/5/2022  | MAIDSVILLE                           | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                                 | 1275       | mw              | Clean Fuels and Good Combustion Practice                                                                                                                                                                                                                    | 0.006       | LB/MMBTU    | AVG OF 3 4-HR TEST RUNS                 |
| 1/5/2022  | MAIDSVILLE                           | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                                 | 1275       | mw              | Good Combustion Practice and Clean Fuel                                                                                                                                                                                                                     | 0.006       | LB/MMBTU    | AVG OF 3 4-HR TEST RUNS                 |

**RBLC Entries for PM<sub>2.5</sub> Control from Turbines**

| Date       | Facility Name                                   | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                      | Limit No. 1 | Unit              | Averaging Period                         |
|------------|-------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------|-------------|-------------------|------------------------------------------|
| 8/13/2020  | GAS TREATMENT PLANT                             | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines)                                                    | 576        | MMBtu/hr        | Good combustion practices and burning clean fuel (NG)                                               | 0.0063      | LB/MMBTU          | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                             | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines)                                                            | 431        | MMBtu/hr        | Good Combustion Practices and burning clean fuels (NG)                                              | 0.0063      | LB/MMBTU          | 3-HOUR AVERAGE                           |
| 7/7/2022   | LIQUEFACTION PLANT                              | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                                                                       | 384        | MMBtu/hr        | Good combustion practices and burning clean fuel (natural gas)                                      | 0.007       | LB/MMBTU          | 3-HOURS                                  |
| 11/9/2020  | PLANT BARRY                                     | AL-0328  | Two 744 MW Combined Cycle Units                                                                                              | 744        | MW              |                                                                                                     | 0.004       | LB/MMBTU          | 3 HOUR AVG                               |
| 4/25/2018  | PALMDALE ENERGY PROJECT                         | CA-1251  | Combustion Turbines (GEN1 and GEN2)                                                                                          | 2217       | MMBTU/H         | Clean fuel and good combustion practices                                                            | 0.0048      | LB/MMBTU          | TEST AVERAGE                             |
| 11/30/2015 | CPV TOWANTIC, LLC                               | CT-0157  | Combined Cycle Power Plant                                                                                                   | 21200000   | MMBTU/12 months |                                                                                                     | 9.73        | LB/H              |                                          |
| 11/30/2015 | CPV TOWANTIC, LLC                               | CT-0158  | Combined Cycle Power Plant                                                                                                   | 21200000   | MMBTU/yr        |                                                                                                     | 9.73        | LB/H              |                                          |
| 6/30/2017  | KILLINGLY ENERGY CENTER                         | CT-0161  | Natural Gas w/o Duct Firing                                                                                                  | 2969       | MMBTU/hr        | Good Combustion                                                                                     | 0.0044      | LB/MMBTU          |                                          |
| 6/30/2017  | KILLINGLY ENERGY CENTER                         | CT-0161  | Natural Gas w/Duct Firing                                                                                                    | 2639       | MMBTU/hr        | Good Combustion                                                                                     | 0.005       | LB/MMBTU          |                                          |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                  | FL-0356  | Combined-cycle electric generating unit                                                                                      | 3096       | turbine         | Use of clean fuels                                                                                  | 2           | GR. S/100 SCF GAS | FOR NATURAL GAS                          |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                       | FL-0363  | 2-on-1 combined cycle unit (GE 7HA)                                                                                          | 4000       | MMBTU/hr        | Clean fuels                                                                                         | 0           |                   |                                          |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY             | FL-0367  | 1-on-1 combined cycle unit (GE 7HA)                                                                                          | 3266.9     | MMBTU/hour      | Clean fuels                                                                                         | 0           |                   |                                          |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY             | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                                                                       | 3622.1     | MMBTU/hour      | Clean fuels                                                                                         | 1.4         | GR. S/100 SCF NG  |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                          | *IN-0365 | Combined Cycle Turbine CTGB                                                                                                  | 4200       | MMBTU per hour  |                                                                                                     | 0.0074      | LB PER MMBTU      |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                          | *IN-0365 | Combined Cycle Turbine CTGA SU/SD                                                                                            | 3800       | MMBTU per hour  |                                                                                                     | 5.3         | LB/EVENT          |                                          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                          | *IN-0365 | Combined Cycle Turbine CTGB SU/SD                                                                                            | 0          |                 |                                                                                                     | 14          | LB/EVENT          | HOT START                                |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                          | *IN-0365 | Combined Cycle Turbine CTGA                                                                                                  | 3800       | MMBTU per hour  |                                                                                                     | 0.0049      | LB PER MMBTU      |                                          |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY            | KS-0029  | Combined cycle combustion turbine                                                                                            | 250        | MW              | dry low NOx burners                                                                                 | 30.2        | LB/H              |                                          |
| 8/31/2016  | ST. CHARLES POWER STATION                       | LA-0313  | SCPS Combined Cycle Unit 1A                                                                                                  | 3625       | MMBTU/hr        | heat recovery steam generator (HRSG)                                                                | 17.52       | LB/H              | HOURLY MAXIMUM                           |
| 8/31/2016  | ST. CHARLES POWER STATION                       | LA-0313  | SCPS Combined Cycle Unit 1B                                                                                                  | 3625       | MMBTU/hr        | Good combustion practices and clean burning fuels (natural gas)                                     | 17.52       | LB/H              | HOURLY MAXIMUM                           |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                      | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                                                                          | 921        | MM BTU/h        | Exclusive Combustion of Fuel Gas and Good Combustion Practices.                                     | 9.53        | LB/H              | 3 HOUR AVERAGE                           |
| 1/6/2020   | FG LA COMPLEX                                   | LA-0364  | Cogeneration Units                                                                                                           | 2222       | mm btu/h        | Use of pipeline quality natural gas or fuel gas and good combustion practices.                      | 12.46       | LB/H              |                                          |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1        | LA-0391  | Combined Cycle Gas Turbine w/ Duct Burners and HRSG                                                                          | 5081       | mm BTU/h        | Use of gaseous fuel (pipeline-quality natural gas) and good combustion practices.                   | 0.008       | LB/MM BTU         | 3 ONE-HOUR TEST AVERAGE                  |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1        | LA-0391  | Combined Cycle Gas Turbine Startup and Shutdown                                                                              | 5081       | mm BTU/h        | Good combustion practices                                                                           | 18          | LB/HR             |                                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                        | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                                                         | 286        | MW              | USE OF PIPELINE QUALITY NATURAL GAS EXCLUSIVELY AND GOOD COMBUSTION PRACTICES.                      | 17.9        | LB/H              | W/OUT DUCT FIRING, AVG. OF 3 STACK TESTS |
| 1/4/2017   | INDECK NILES, LLC                               | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                                                                 | 8322       | MMBTU/H         | Good Combustion Practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 19.8        | LB/H              | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                                                       | 554        | MMBTU/H, each   | Good combustion practices and the use of pipeline quality natural gas.                              | 0.014       | LB/MMBTU          | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 11/17/2017 | FILER CITY STATION                              | MI-0427  | EUCCT (Combined cycle CTG with unfired HRSG)                                                                                 | 1934.7     | MMBTU/H         | Good combustion practices and the use of pipeline quality natural gas, combustion inlet air filter. | 0.0066      | LB/MMBTU          |                                          |
| 7/30/2018  | NEW COVERT GENERATING FACILITY                  | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                                 | 1230       | MW              | Use clean fuel (natural gas) and good combustion practices.                                         | 10.7        | LB/H              | HOURLY; EACH CT/HRSG TRAIN               |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 19.1        | LB/H              | HOURLY                                   |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.     | 19.1        | LB/H              | HOURLY                                   |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT          | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                 | Good combustion practices, inlet air conditioning and the use of pipeline quality natural gas.      | 16          | LB/H              | HOURLY; EACH UNIT                        |
| 4/2/2019   | JACKSON GENERATING STATION                      | MI-0439  | FGLMDB1-6 (6 combined cycle natural gas fired CTG each equipped with a HRSG)                                                 | 420        | MW              | Combustion inlet air filters, good combustion practices and only combust natural gas.               | 4.9         | LB/HR             | 24 HR AVG DET. EACH OPERATING HR; EACH   |
| 12/21/2018 | LBWL--ERICKSON STATION                          | MI-0441  | EUCTGHRSG2--A 667 MMBTU/H natural gas fired CTG with a HRSG.                                                                 | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.                | 6.02        | LB/H              | HOURLY                                   |
| 12/21/2018 | LBWL--ERICKSON STATION                          | MI-0441  | EUCTGHRSG1--A 667 MMBTU/H NG fired combustion turbine generator coupled with a heat recovery steam generator (HRSG)          | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning and good combustion practices.                 | 6.02        | LB/H              | HOURLY                                   |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                     | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW              | Low sulfur fuel and good combustion practices.                                                      | 0.006       | LB/MMBTU          | HOURLY; EACH UNIT                        |



**RBLC Entries for PM<sub>2.5</sub> Control from Turbines**

| Date       | Facility Name                                             | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                  | Limit No. 1 | Unit     | Averaging Period                         |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------|-------------|----------|------------------------------------------|
| 11/26/2019 | INDECK NILES, LLC                                         | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas. | 19.8        | LB/H     | HOURLY; EACH CTGHRSG                     |
| 1/7/2021   | LBWL--ERICKSON STATION                                    | MI-0447  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.            | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL OPERAT. MODES |
| 1/7/2021   | LBWL--ERICKSON STATION                                    | MI-0447  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.            | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL OPERAT. MODES |
| 6/23/2022  | MEC NORTH, LLC                                            | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas. | 19.1        | LB/H     | HOURLY                                   |
| 6/23/2022  | MEC SOUTH, LLC                                            | MI-0452  | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | Good Combustion Practices, inlet air conditioning, and the use of pipeline quality natural gas  | 19.1        | LB/H     | HOURLY                                   |
| 12/20/2022 | LBWL-ERICKSON STATION                                     | MI-0454  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.            | 6.02        | LB/H     | HOURLY; APPLIES DURING ALL OPERAT. MODES |
| 12/20/2022 | LBWL-ERICKSON STATION                                     | MI-0454  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Pipeline quality natural gas, inlet air conditioning, and good combustion practices.            | 6.02        | LB/H     | HOURLY, APPLY DURING ALL OPERATING MODES |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP          | MI-0455  | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Use of pipeline quality natural gas and good combustion practices.                              | 34.4        | LB/H     | HOURLY                                   |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                              | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr            | COMPLIANCE BY STACK TESTING                                                                     | 18.3        | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                              | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR            | USE OF NATURAL GAS A CLEAN BURNING FUEL                                                         | 11.7        | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP                              | NJ-0088  | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                                  | 21042      | MMcubic ft/yr   | USE OF NATURAL GAS AND ULSD; BOTH CLEAN BURNING FUELS                                           | 11.58       | LB/H     | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                             | OH-0365  | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                                                      | 2022       | MMBTU/H         | good combustion practices along with clean fuels                                                | 0.0068      | LB/MMBTU | HHV, 3 HR AVG. SEE NOTES.                |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                             | OH-0365  | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                                                      | 2144       | MMBTU/H         | good combustion practices along with clean fuels                                                | 0.0085      | LB/MMBTU | HHV, 3 HR AVG. SEE NOTES.                |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                      | OH-0366  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 2725       | MMBTU/H         | Low sulfur fuel                                                                                 | 14.9        | LB/H     | WITH DUCT BURNER. SEE NOTES.             |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                    | OH-0367  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3131       | MMBTU/H         | Good combustion controls                                                                        | 25          | LB/H     | NAT GAS, WITH DUCT BURNER. SEE NOTES.    |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                    | OH-0370  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H         | Good combustion controls and low sulfur fuel                                                    | 15.2        | LB/H     | WITH DUCT BURNER. SEE NOTES.             |
| 9/27/2017  | OREGON ENERGY CENTER                                      | OH-0372  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3055       | MMBTU/H         | good combustion practices and pipeline quality natural gas                                      | 15.4        | LB/H     | WITH DUCT BURNER. SEE NOTES.             |
| 10/23/2017 | GUERNSEY POWER STATION LLC                                | OH-0374  | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                                             | 3516       | MMBTU/H         | pipeline quality natural gas                                                                    | 0.0073      | LB/MMBTU | SEE NOTES.                               |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | General Electric Combustion Turbine (P004)                                                                                   | 3544       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                            | 0.0036      | LB/MMBTU |                                          |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | Mitsubishi Combustion Turbine (P005)                                                                                         | 3320       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                            | 0.004       | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | Siemens Combustion Turbine (P006)                                                                                            | 3602       | MMBTU/H         | natural gas or a natural gas and ethane mixture only                                            | 0.0057      | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                                       | 3459.6     | MMBTU/H         | Good combustion practices and pipeline quality natural gas                                      | 0.0052      | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                                     | 3231       | MMBTU/H         | Good combustion practices and pipeline quality natural gas                                      | 0.005       | LB/MMBTU | WITH DUCT BURNER. SEE NOTES.             |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC                  | PA-0306  | Large combustion turbine                                                                                                     | 0          |                 | Good combustion practices                                                                       | 0.0039      | LB/MMBTU |                                          |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two combined cycle turbines with out duct burner                                                                             | 2291.64    | MCF/hr          | Good combustion practices and low sulfur fuels                                                  | 0.0068      | LB/MMBTU |                                          |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                                                        | 3001.57    | MCF/hr          | Good combustion practices and low sulfur fuels                                                  | 0.0066      | LB/MMBTU |                                          |
| 12/23/2015 | LACKAWANNA ENERGY CTR/ESSUP                               | PA-0309  | Combustion turbine with duct burner                                                                                          | 3304.3     | MMBTU/hr        | Exclusive natural gas, high-efficiency inlet air filters and DLN                                | 0.0059      | LB/MMBTU |                                          |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                                                         | 3338       | MMBTU/hr        | Low sulfur fuel, good combustion practices                                                      | 0.005       | LB/MMBTU |                                          |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG without duct burner NG only                                                                      | 0          |                 | Low sulfur fuels and good combustion practices                                                  | 0.0068      | LB/MMBTU |                                          |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                                                          | 3727       | MMBTU/hr        |                                                                                                 | 0.0063      | LB/MMBTU |                                          |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine without Duct Burner                                                                                       | 0          |                 |                                                                                                 | 0.0063      | LB/MMBTU |                                          |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine without Duct Burner                                                                                       | 3509       | MMBTU/hr        |                                                                                                 | 0.0072      | LB       | MMBTU                                    |

**RBLC Entries for PM<sub>2.5</sub> Control from Turbines**

| Date       | Facility Name                                   | RBLC ID  | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                              | Limit No. 1 | Unit        | Averaging Period                       |
|------------|-------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------------------------------------|
| 8/27/2018  | RENAISSANCE ENERGY CENTER                       | *PA-0319 | COMBUSTION TURBINE UNIT w/o DUCT BURNERS UNIT                                                              | 2665.9     | MMBtu/hr        |                                                                                                                                                                                                                                                             | 0.0043      | LB/MMBTU    | HR                                     |
| 4/1/2015   | COLORADO BEND ENERGY CENTER                     | TX-0730  | Combined-cycle gas turbine electric generating facility                                                    | 1100       | MW              | efficient combustion, natural gas fuel                                                                                                                                                                                                                      | 43          | LB/H        |                                        |
| 6/18/2015  | EAGLE MOUNTAIN STEAM ELECTRIC STATION           | TX-0751  | Combined Cycle Turbines (25 MW) natural gas                                                                | 210        | MW              |                                                                                                                                                                                                                                                             | 35.47       | LB/H        |                                        |
| 10/2/2015  | LON C. HILL POWER STATION                       | TX-0767  | Combined Cycle Turbines (25 MW)                                                                            | 195        | MW              | Good combustion practices and use of pipeline quality natural gas                                                                                                                                                                                           | 16          | LB/HR       |                                        |
| 11/4/2015  | FGE EAGLE PINES PROJECT                         | TX-0773  | Combined Cycle Turbines (25 MW)                                                                            | 321        | MW              |                                                                                                                                                                                                                                                             | 21.4        | LB/H        |                                        |
| 3/24/2016  | NECHES STATION                                  | TX-0788  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES AND LOW SULFUR FUEL                                                                                                                                                                                                               | 19.35       | LB/H        |                                        |
| 3/8/2016   | DECORDOVA STEAM ELECTRIC STATION                | TX-0789  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES AND LOW SULFUR FUEL                                                                                                                                                                                                               | 35.47       | LB/H        |                                        |
| 2/17/2016  | PORT ARTHUR LNG EXPORT TERMINAL                 | TX-0790  | Refrigeration Compression Turbines                                                                         | 10         | M TONNES/YR     |                                                                                                                                                                                                                                                             | 11.07       | LB/H        |                                        |
| 2/17/2017  | CHOCOLATE BAYOU STEAM GENERATING (CBSG) STATION | TX-0817  | Combined Cycle Cogeneration                                                                                | 50         | MW              |                                                                                                                                                                                                                                                             | 6.98        | LB/H        |                                        |
| 4/28/2017  | GAINES COUNTY POWER PLANT                       | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Pipeline quality natural gas; good combustion practices                                                                                                                                                                                                     | 0           |             |                                        |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                 | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | PIPELINE NATURAL GAS, GOOD COMBUSTION                                                                                                                                                                                                                       | 125.7       | TON/YR      |                                        |
| 9/15/2022  | LNG EXPORT TERMINAL                             | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | Good combustion practices and use of pipeline quality natural gas                                                                                                                                                                                           | 0           |             |                                        |
| 3/17/2021  | UNIT 5                                          | TX-0915  | COMBINED CYCLE TURBINE                                                                                     | 0          |                 | Low sulfur natural gas fuel                                                                                                                                                                                                                                 | 0           |             |                                        |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION            | TX-0939  | Combined Cycle Turbines                                                                                    | 1215       | MW              | good combustion practices                                                                                                                                                                                                                                   | 0.005       | LB/MMBTU    |                                        |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION            | TX-0939  | TURBINE MSS                                                                                                | 0          |                 | On-line turbine washing, turbine filter changeouts, catalyst handling, fuel venting, CEMS calibration, fugitive/small equipment maintenance Good air pollution control practices and safe operating practices.                                              | 0           |             |                                        |
| 6/17/2016  | GREENSVILLE POWER STATION                       | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)                            | 3227       | MMBTU/HR        | Pipeline Quality Natural Gas                                                                                                                                                                                                                                | 0.0039      | LB/MMBTU    | AVG OF 3 TEST RUNS                     |
| 4/26/2018  | C4GT, LLC                                       | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                        | 34000      | MMCF/YR         | good combustion practices and the use of pipeline quality natural gas with a maximum sulfur content of 0.4 gr/100 scf on a 12-month rolling average.                                                                                                        | 0.0069      | WITHOUT DUC | AV OF 3 TEST RUNS                      |
| 4/26/2018  | C4GT, LLC                                       | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                                   | 35000      | MMCF/YR         | good combustion practices and the use of pipeline quality natural gas with a maximum sulfur content of 0.4 gr/100 scf on a 12-month rolling average.                                                                                                        | 0.0065      | LB/MMBTU    | AV OF 3 TEST RUNS/WITHOUT DUCT BURNING |
| 6/24/2019  | CHICKAHOMINY POWER LLC                          | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                   | 35000      | MMCF/YR         | Controlled by good combustion practices (e.g. controlled fuel/air mixing, adequate temperature, and gas residence time) and the use of pipeline-quality natural gas with a maximum sulfur content of 0.4 grains per 100 scf, on a 12-month rolling average. | 0.0052      | LB/MMBTU    | AVG OF 3 TEST RUNS                     |
| 12/18/2020 | PANDA STONEWALL LLC                             | *VA-0335 | Combustion Turbines, Two (2) and HRS G Duct Burners                                                        | 2.55       | MMBTU/H         | Good combustion practices and use of low-sulfur fuels                                                                                                                                                                                                       | 0.0037      | LB/MMBTU    | AT FULL LOAD W & W/O DB                |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                     | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                             | 4671       | MMBTU/H         | Only combust pipeline quality natural gas and diesel fuel oil and use good combustion control according to the manufacturers recommendations.                                                                                                               | 36.3        | LB/H        | NATURAL GAS, DUCT FIRING               |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                     | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas)                         | 0          |                 |                                                                                                                                                                                                                                                             | 43.6        | LB/START-UP |                                        |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                     | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)                              | 0          |                 |                                                                                                                                                                                                                                                             | 78.9        | LB/START-UP |                                        |

**RBLC Entries for Sulfur Dioxide Control from Turbines**

| Date       | Facility Name                       | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT      | Control Method                                                                                                                        | Limit No. 1 | Unit                | Averaging Period                         |
|------------|-------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|------------------------------------------|
| 8/13/2020  | GAS TREATMENT PLANT                 | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines)                                                    | 576        | MMBtu/hr             | Good combustion practices and clean burning fuel low sulfur natural gas                                                               | 96          | PPMV SULFUR IN FUEL | PRIOR TO COMPLETING TREATMENT TRAINS     |
| 8/13/2020  | GAS TREATMENT PLANT                 | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines)                                                            | 431        | MMBtu/hr             | Good combustion practices and clean burning fuel low sulfur natural gas                                                               | 96          | PPMV SULFUR IN FUEL | PRIOR TO COMPLETING TREATMENT TRAINS     |
| 7/7/2022   | LIQUEFACTION PLANT                  | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                                                                       | 384        | MMBtu/hr             | pipeline quality natural gas and good combustion practices                                                                            | 16          | PPMV SULFUR IN FUEL |                                          |
| 11/9/2020  | PLANT BARRY                         | AL-0328  | Two 744 MW Combined Cycle Units                                                                                              | 744        | MW                   |                                                                                                                                       | 0.6         | GR S/100 SCF FUEL   |                                          |
| 11/30/2015 | CPV TOWANTIC, LLC                   | CT-0157  | Combined Cycle Power Plant                                                                                                   | 21200000   | MMBtu/12 months      |                                                                                                                                       | 4.49        | LB/H                |                                          |
| 11/30/2015 | CPV TOWANTIC, LLC                   | CT-0158  | Combined Cycle Power Plant                                                                                                   | 21200000   | MMBtu/yr             | Use of inherently low sulfur fuel                                                                                                     | 4.49        | LB/H                |                                          |
| 6/30/2017  | KILLINGLY ENERGY CENTER             | CT-0161  | Natural Gas w/o Duct Firing                                                                                                  | 2969       | MMBtu/hr             | Low Sulfur fuel                                                                                                                       | 0.0015      | LB/MMBTU            |                                          |
| 6/30/2017  | KILLINGLY ENERGY CENTER             | CT-0161  | Natural Gas w/Duct Firing                                                                                                    | 2639       | MMBtu/hr             | Low Sulfur Fuel                                                                                                                       | 0.0015      | LB/MMBTU            |                                          |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER      | FL-0356  | Combined-cycle electric generating unit                                                                                      | 3096       | MMBtu/hr per turbine | Use of low-sulfur fuels                                                                                                               | 2           | GR. S/100 SCF GAS   | FOR NATURAL GAS                          |
| 12/4/2017  | DANIA BEACH ENERGY CENTER           | FL-0363  | 2-on-1 combined cycle unit (GE 7HA)                                                                                          | 4000       | MMBtu/hr             | Clean fuels                                                                                                                           | 0           |                     |                                          |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY | FL-0367  | 1-on-1 combined cycle unit (GE 7HA)                                                                                          | 3266.9     | MMBtu/hour           | Clean Fuels                                                                                                                           | 0           |                     |                                          |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                                                                       | 3622.1     | MMBtu/hour           | Low sulfur fuel                                                                                                                       | 1.4         | GR. S/100 SCF NG    |                                          |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER          | IL-0133  | Combined-Cycle Combustion Turbines                                                                                           | 3647       | mmBtu/hour           | Good combustion practices and use of natural gas with a sulfur content of no more than 0.5 grains (gr)/100 standard cubic feet (scf). | 5.5         | POUNDS/HOUR         | ROLLING 3-OPERATING HOUR                 |
| 6/19/2023  | MAPLE CREEK ENERGY LLC              | *IN-0365 | Combined Cycle Turbine CTGB                                                                                                  | 4200       | MMBTU per hour       |                                                                                                                                       | 0.0019      | LB PER MMBTU        | BASED ON 3-HR AVERAGE                    |
| 6/19/2023  | MAPLE CREEK ENERGY LLC              | *IN-0365 | Combined Cycle Turbine CTGA                                                                                                  | 3800       | MMBTU per hour       |                                                                                                                                       | 0.0017      | POUND PER MMBTU     | 3-HR AVERAGE                             |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT          | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                                                                          | 921        | MM BTU/h             | Exclusive Combustion of Low Sulfur Fuel and Proper Engineering Practices                                                              | 4           | PPMV                | ANNUAL AVERAGE                           |
| 1/6/2020   | FG LA COMPLEX                       | LA-0364  | Cogeneration Units                                                                                                           | 2222       | mm btu/h             | Use of pipeline quality natural gas or fuel gas.                                                                                      | 1.24        | LB/H                |                                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER            | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                                                         | 286        | MW                   |                                                                                                                                       | 26          | NG/J HEAT INPUT     | AT ALL TIMES                             |
| 1/4/2017   | INDECK NILES, LLC                   | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                                                                 | 8322       | MMBTU/H              | Good Combustion Practices and the use of pipeline quality natural gas.                                                                | 11.7        | LB/H                | TEST PROTOCOL WILL SPECIFY AVG TIME      |
| 7/30/2018  | NEW COVERT GENERATING FACILITY      | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                                 | 1230       | MW                   | Use of clean fuel (natural gas) with a fuel sulfur limit of 0.8 grains per 100 standard cubic feet of natural gas.                    | 0.8         | GR/100 SCF          | NAT.GAS BURNED IN FG-TURB/DB1-3          |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC    | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW                   | Good combustion practices and the use of pipeline quality natural gas.                                                                | 6.6         | LB/H                | HOURLY                                   |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC    | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW                   | Good combustion practices and the use of pipeline quality natural gas.                                                                | 6.6         | LB/H                | HOURLY                                   |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC         | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW                   | The use of clean fuel (natural gas), with a fuel sulfur limit of 1 grain per 100 standard cubic feet of natural gas.                  | 0.003       | LB/MMBTU            | HOURLY; EACH UNIT                        |
| 11/26/2019 | INDECK NILES, LLC                   | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H              | Good combustion practices, inlet air conditioning and the use of pipeline quality natural gas.                                        | 11.7        | LB/H                | HOURLY; EACH CTGHRSG                     |
| 6/23/2022  | MEC NORTH, LLC                      | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H              | Good combustion practices and the use of pipeline quality natural gas.                                                                | 6.6         | LB/H                | HOURLY                                   |
| 6/23/2022  | MEC SOUTH, LLC                      | MI-0452  | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H              | Good Combustion Practices and the use of pipeline quality natural gas                                                                 | 6.6         | LB/H                | HOURLY                                   |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC        | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr                 | USE OF NATURAL GAS A LOW SULFUR FUEL CLEAN FUEL                                                                                       | 6.64        | LB/H                | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC        | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR                 | USE OF NATURAL GAS A CLEAN BURNING LOW SULFUR FUEL                                                                                    | 5.62        |                     |                                          |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP        | NJ-0088  | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                                  | 21042      | MMcubic ft/yr        | USE OF NATURAL GAS AND ULSD; BOTH CLEAN BURNING FUELS                                                                                 | 3.45        | LB/H                | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 9/23/2016  | SOUTH FIELD ENERGY LLC              | OH-0367  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3131       | MMBTU/H              | Low sulfur fuels                                                                                                                      | 5.64        | LB/H                | NAT GAS, WITH DUCT BURNER. SEE NOTES.    |
| 9/7/2017   | TRUMBULL ENERGY CENTER              | OH-0370  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H              | Low sulfur fuel                                                                                                                       | 5.1         | LB/H                | WITH DUCT BURNER. SEE NOTES.             |
| 9/27/2017  | OREGON ENERGY CENTER                | OH-0372  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3055       | MMBTU/H              | low sulfur fuel                                                                                                                       | 5.1         | LB/H                | WITH DUCT BURNER. SEE NOTES.             |

**RBLC Entries for Sulfur Dioxide Control from Turbines**

| Date       | Facility Name                         | RBLC ID  | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                      | Limit No. 1 | Unit         | Averaging Period                        |
|------------|---------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-----------------------------------------|
| 10/23/2017 | GUERNSEY POWER STATION LLC            | OH-0374  | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                           | 3516       | MMBTU/H         | pipeline quality natural gas with a maximum sulfur content not exceed 0.50 grain/100 scf                                                                            | 0.0015      | LB/MMBTU     | SEE NOTES.                              |
| 4/19/2018  | HARRISON POWER                        | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                     | 3459.6     | MMBTU/H         | Good combustion practices and pipeline quality natural gas                                                                                                          | 0.0017      | LB/MMBTU     | SEE NOTES.                              |
| 4/19/2018  | HARRISON POWER                        | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                   | 3231       | MMBTU/H         | Good combustion practices and pipeline quality natural gas                                                                                                          | 0.0021      | LB/MMBTU     |                                         |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT   | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #2 (Natural Gas)                                                          | 4546       | MMBTU/Hr        | SCR, CATALYTIC OXIDIZER                                                                                                                                             | 0.0012      | LB/MMBTU     |                                         |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT   | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #1 (Natural Gas)                                                          | 4546       | MMBTU/Hr        | SCR, Catalytic Oxidizer                                                                                                                                             | 0.0012      | LB/MMBTU     |                                         |
| 4/1/2015   | COLORADO BEND ENERGY CENTER           | TX-0730  | Combined-cycle gas turbine electric generating facility                                                    | 1100       | MW              | efficient combustion, natural gas fuel                                                                                                                              | 2           | GR/100 SCF   | 1-HOUR                                  |
| 6/18/2015  | EAGLE MOUNTAIN STEAM ELECTRIC STATION | TX-0751  | Combined Cycle Turbines (25 MW) natural gas                                                                | 210        | MW              |                                                                                                                                                                     | 40.66       | LB/H         |                                         |
| 3/24/2016  | NECHES STATION                        | TX-0788  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES, LOW SULFUR FUEL                                                                                                                          | 1           | GR/100 SCF   | HOURLY                                  |
| 3/8/2016   | DECORDOVA STEAM ELECTRIC STATION      | TX-0789  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES AND LOW SULFUR FUEL                                                                                                                       | 5           | GR/100 SCF   | HOURLY                                  |
| 2/17/2016  | PORT ARTHUR LNG EXPORT TERMINAL       | TX-0790  | Refrigeration Compression Turbines                                                                         | 10         | M TONNES/YR     | Dry low NOx burners, good combustion practices, pipeline quality sweet natural gas fuel (low sulfur fuel)                                                           | 5           | GR/100 SCF   |                                         |
| 4/28/2017  | GAINES COUNTY POWER PLANT             | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Pipeline quality natural gas                                                                                                                                        | 1.54        | GR/100 DSCF  |                                         |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION       | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | PIPELINE QUALITY NATURAL GAS                                                                                                                                        | 1           | GR/100 DSCF  |                                         |
| 9/15/2022  | LNG EXPORT TERMINAL                   | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | Good combustion practices and use of pipeline quality natural gas                                                                                                   | 0           |              |                                         |
| 6/17/2016  | GREENSVILLE POWER STATION             | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)                            | 3227       | MMBTU/HR        | Low Sulfur fuel                                                                                                                                                     | 0.0011      | LB/MMBTU     | DURING NORMAL OPERATION INCLUDING SU/SD |
| 4/26/2018  | C4GT, LLC                             | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                        | 34000      | MMCF/YR         | use of pipeline quality natural gas with a maximum sulfur content of 0.4 gr/100 scf on a 12-month rolling average.                                                  | 0.0011      | LB/MMBTU     | 3 HR AVG                                |
| 4/26/2018  | C4GT, LLC                             | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                                   | 35000      | MMCF/YR         | use of pipeline quality natural gas with a maximum sulfur content of 0.4 gr/100 scf on a 12 mo rolling av.                                                          | 0.0011      | LB/MMBTU     | 3 H AV                                  |
| 6/24/2019  | CHICKAHOMINY POWER LLC                | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                   | 35000      | MMCF/YR         | Controlled by the use of pipeline-quality natural gas with a maximum sulfur content of 0.4 grains per 100 standard cubic feet (scf), on a 12-month rolling average. | 0.0011      | LB/MMBTU     | 3 HR AVG                                |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER           | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                             | 4671       | MMBTU/H         | Only use pipeline quality natural gas and diesel fuel, and use good combustion control                                                                              | 0           |              |                                         |
| 1/5/2022   | MAIDSVILLE                            | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                                 | 1275       | mw              | Low Sulfur Fuel                                                                                                                                                     | 0.4         | GR-S/100 SCF | SEE APPENDIX D OF 40CFR75               |
| 1/5/2022   | MAIDSVILLE                            | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                                                 | 1275       | mw              | Low Sulfur Fuel                                                                                                                                                     | 0.4         | GR-S/100 SCF | SEE APPENDIX D OF 40CFR75               |

**RBLC Entries for Volatile Organic Compounds Control from Turbines**

| Date       | Facility Name                                        | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT      | Control Method                                                                                                                                | Limit No. 1 | Unit             | Averaging Period                      |
|------------|------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|---------------------------------------|
| 8/13/2020  | GAS TREATMENT PLANT                                  | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines)                                                    | 576        | MMBtu/hr             | Oxidation catalyst and good combustion practices                                                                                              | 0.0022      | LB/MMBTU         | 3-HOUR AVERAGE                        |
| 8/13/2020  | GAS TREATMENT PLANT                                  | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines)                                                            | 431        | MMBtu/hr             | Oxidation catalyst and good combustion control practices                                                                                      | 0.0022      | LB/MMBTU         | 3-HOUR AVERAGE                        |
| 7/7/2022   | LIQUEFACTION PLANT                                   | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                                                                       | 384        | MMBtu/hr             | Oxidation catalyst and good combustion practices                                                                                              | 2           | PPMV @ 15% O2    | 3-HOURS                               |
| 11/9/2020  | PLANT BARRY                                          | AL-0328  | Two 744 MW Combined Cycle Units                                                                                              | 744        | MW                   | Oxidation Catalyst                                                                                                                            | 13.6        | LB/HR            | 3 HOUR AVG                            |
| 11/30/2015 | CPV TOWANTIC, LLC                                    | CT-0157  | Combined Cycle Power Plant                                                                                                   | 21200000   | MMBtu/12 months      | Oxidation Catalyst                                                                                                                            | 1           | PPMVD @15% O2    |                                       |
| 11/30/2015 | CPV TOWANTIC, LLC                                    | CT-0158  | Combined Cycle Power Plant                                                                                                   | 21200000   | MMBtu/yr             | Oxidation Catalyst                                                                                                                            | 1           | PPMVD @15% O2    |                                       |
| 6/30/2017  | KILLINGLY ENERGY CENTER                              | CT-0161  | Natural Gas w/o Duct Firing                                                                                                  | 2969       | MMBtu/hr             | Oxidation Catalyst                                                                                                                            | 0.7         | PPMVD @15% O2    |                                       |
| 6/30/2017  | KILLINGLY ENERGY CENTER                              | CT-0161  | Natural Gas w/Duct Firing                                                                                                    | 2639       | MMBtu/hr             | Oxidation Catalyst                                                                                                                            | 1.6         | PPMVD @15% O2    |                                       |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                       | FL-0356  | Combined-cycle electric generating unit                                                                                      | 3096       | MMBtu/hr per turbine | Complete combustion minimizes VOC                                                                                                             | 1           | PPMVD@15%O2      | GAS OPERATION                         |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                            | FL-0363  | 2-on-1 combined cycle unit (GE 7HA)                                                                                          | 4000       | MMBtu/hr             | Clean fuels                                                                                                                                   | 1           | PPMVD@15% O2     | FOR NATURAL GAS OPERATION             |
| 3/21/2018  | SEMINOLE GENERATING STATION                          | FL-0364  | 2-on-1 natural gas combined-cycle unit (GE 7HA.02)                                                                           | 3514       | MMBtu/hr             | Oxidation catalyst                                                                                                                            | 1           | PPMVD@15% O2     | WITHOUT DUCT BURNER FIRING            |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                           | IL-0133  | Combined-Cycle Combustion Turbines                                                                                           | 3647       | mmBtu/hour           | Oxidation catalyst and good combustion practices.                                                                                             | 1           | O2               | ROLLING 3-OPERATING HOUR              |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                               | *IN-0365 | Combined Cycle Turbine CTGB                                                                                                  | 4200       | MMBtu per hour       | catalytic oxidation                                                                                                                           | 0.0013      | POUNDS PER MMBTU |                                       |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                               | *IN-0365 | Combined Cycle Turbine CTGA SU/SD                                                                                            | 3800       | MMBtu per hour       |                                                                                                                                               | 29.3        | TONS PER YEAR    | FOR DURATION OF COMBINED SU/SD EVENTS |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                               | *IN-0365 | Combined Cycle Turbine CTGB SU/SD                                                                                            | 0          |                      |                                                                                                                                               | 18.8        | TONS PER YEAR    | FOR DURATION OF COMBINED SU/SD EVENTS |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                               | *IN-0365 | Combined Cycle Turbine CTGA                                                                                                  | 3800       | MMBtu per hour       | Oxidation catalyst                                                                                                                            | 0.0015      | POUNDS PER MMBTU |                                       |
| 2/14/2025  | DUKE ENERGY INDIANA, INC.- CAYUGA GENERATING STATION | IN-0382  | Lube Oil Demister Vents                                                                                                      | 0          |                      | good engineering design and operating practices                                                                                               | 0           |                  |                                       |
| 2/14/2025  | DUKE ENERGY INDIANA, INC.- CAYUGA GENERATING STATION | IN-0382  | Combustion Turbines (6A and 6B)                                                                                              | 4254       | MMBtu/hr             | Oxidation Catalyst and Good Combustion Practices                                                                                              | 1           | PPMVD@15% O2     | 3-HOUR AVERAGE W/O DB EXCL. SU/SD     |
| 8/31/2016  | ST. CHARLES POWER STATION                            | LA-0313  | SCPS Combined Cycle Unit 1A                                                                                                  | 3625       | MMBtu/hr             | Catalytic oxidation and good combustion practices for normal operations, and good combustion practices for startup/shutdown operations.       | 61.27       | LB/H             | HOURLY MAXIMUM                        |
| 8/31/2016  | ST. CHARLES POWER STATION                            | LA-0313  | SCPS Combined Cycle Unit 1B                                                                                                  | 3625       | MMBtu/hr             | Catalytic oxidation and good combustion practices during normal operations, and good combustion practices during startup/shutdown operations. | 61.27       | LB/H             | HOURLY MAXIMUM                        |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                           | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                                                                          | 921        | MM BTU/h             | Catalytic Oxidation, Proper Equipment Design and Good Combustion Practices.                                                                   | 1.1         | PPMV             | 3 HOUR AVERAGE                        |
| 1/6/2020   | FG LA COMPLEX                                        | LA-0364  | Cogeneration Units                                                                                                           | 2222       | mm btu/h             | Good combustion practices and catalytic oxidation                                                                                             | 4           | PPMVD            |                                       |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1             | LA-0391  | Combined Cycle Gas Turbine w/ Duct Burners and HRSG                                                                          | 5081       | mm BTU/h             | Catalytic oxidation and good combustion practices.                                                                                            | 1           | PPMVD            | 3 1-HR TEST AVERAGE                   |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1             | LA-0391  | Combined Cycle Gas Turbine Startup and Shutdown                                                                              | 5081       | mm BTU/h             | Good combustion practices.                                                                                                                    | 520         | LB/HR            |                                       |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                             | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - COLD STARTUP                                                                          | 286        | MW                   | OXIDATION CATALYST AND GOOD COMBUSTION PRACTICES                                                                                              | 301         | LB/EVENT         | COLD STARTUP                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                             | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                                                         | 286        | MW                   | OXIDATION CATALYST AND GOOD COMBUSTION PRACTICES                                                                                              | 1           | PPMVD @ 15% O2   | 3-HR BLOCK AVG. W/OUT DUCT FIRING     |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                             | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - WARM STARTUP                                                                          | 286        | MW                   | OXIDATION CATALYST AND GOOD COMBUSTION PRACTICES                                                                                              | 258         | LB/EVENT         | WARM STARTUP                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                             | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - HOT STARTUP                                                                           | 286        | MW                   | OXIDATION CATALYST AND GOOD COMBUSTION PRACTICES                                                                                              | 207         | LB/EVENT         | HOT STARTUP                           |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                             | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES - SHUTDOWN                                                                              | 286        | MW                   | GOOD COMBUSTION PRACTICES AND OXIDATION CATALYST                                                                                              | 63          | LB/EVENT         | SHUTDOWN                              |
| 1/4/2017   | INDECK NILES, LLC                                    | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                                                                 | 8322       | MMBTU/H              | Oxidation Catalyst Technology and Good Combustion Practices                                                                                   | 4           | PPM              | TEST PROTOCOL WILL SPECIFY            |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET      | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                                                       | 554        | MMBTU/H, each        | Oxidation catalyst technology and good combustion practices.                                                                                  | 4           | PPM AT 15% O2    | TEST PROTOCOL WILL SPECIFY AVG TIME   |
| 7/30/2018  | NEW COVERT GENERATING FACILITY                       | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                                 | 1230       | MW                   | An oxidation catalyst and good combustion practices.                                                                                          | 1           | PPMVD            | HOURLY; EACH CT/HRSG TRAIN            |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                     | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW                   | Oxidation catalyst technology and good combustion practices.                                                                                  | 4           | PPMVD            | AT 15%O2; NOT INCL. STARTUP/SHUTDOWN  |

**RBLC Entries for Volatile Organic Compounds Control from Turbines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                          | Limit No. 1 | Unit         | Averaging Period                         |
|------------|---------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|------------------------------------------|
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW              | Oxidation catalyst technology and good combustion practices.                                                                            | 4           | PPMVD        | AT 15%O2; HOURLY                         |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                 | Oxidation catalyst technology and good combustion practices.                                                                            | 0.0026      | LB/MMBTU     | EACH UNIT; HOURLY EXCEPT S.S.            |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUCTGHRSG2--A 667 MMBTU/H natural gas fired CTG with a HRSG.                                                                 | 667        | MMBTU/H         | An oxidation catalyst for VOC control and good combustion practices.                                                                    | 3           | PPM          | PPMVD@15%O2; HOURLY; SEE NOTES           |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUCTGHRSG1--A 667 MMBTU/H NG fired combustion turbine generator coupled with a heat recovery steam generator (HRSG)          | 667        | MMBTU/H         | An oxidation catalyst for VOC control for each CTG/HRSG unit, good combustion practices.                                                | 3           | PPM          | PPMVD@15%O2; HOURLY EXC.START/SHUT; NOTE |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                       | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW              | Oxidation catalyst and good combustion practices.                                                                                       | 0.004       | LB/MMBTU     | HOURLY; NOT STARTUP/SHUTDOWN;EACH UNIT   |
| 11/26/2019 | INDECK NILES, LLC                                 | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.                                         | 4           | PPM          | PPMVD@15%O2, HOURLY; EACH                |
| 1/7/2021   | LBWL--ERICKSON STATION                            | MI-0447  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for VOC control for each CTG/HRSG unit, good combustion practices.                                                | 3           | PPM          | HOURLY EXCEPT STARTUP SHUTDOWN           |
| 1/7/2021   | LBWL--ERICKSON STATION                            | MI-0447  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for VOC control for each CTG/HRSG unit, good combustion practices.                                                | 3           | PPM          | HOURLY; EXCEPT DURING STARTUP/SHUTDOWN   |
| 6/23/2022  | MEC NORTH, LLC                                    | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | Oxidation catalyst technology and good combustion practices.                                                                            | 2           | PPM          | HOURLY                                   |
| 6/23/2022  | MEC SOUTH, LLC                                    | MI-0452  | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | Oxidation Catalyst Technology and Good Combustion Practices                                                                             | 2           | PPM          | HOURLY                                   |
| 12/20/2022 | LBWL-ERICKSON STATION                             | MI-0454  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for VOC control for each CTG/HRSG unit, good combustion practices.                                                | 3           | PPM          | PPMVD AT 15%O2; HOURLY EXC SU/SD         |
| 12/20/2022 | LBWL-ERICKSON STATION                             | MI-0454  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | An oxidation catalyst for VOC control for each CTG/HRSG unit, good combustion practices.                                                | 3           | PPM          | PPMVD AT 15%O2; HOURLY EXC SU/SD. CC MOD |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP  | MI-0455  | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Oxidation catalyst                                                                                                                      | 2.4         | PPM          | PPMVD AT 15%O2; HOURLY EXC SU/SD         |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                      | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr            | Oxidation Catalyst and good combustion practices                                                                                        | 2           | PPMVD@15%O2  | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                      | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR            | Oxidation catalyst and good combustion practices                                                                                        | 1           | PPMVD@15%O2  | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 7/30/2019  | COGEN TECH LINDEN VENTURE LP                      | NJ-0088  | 250 MW COMBINED CYCLE COMBUSTION TURBINE FIRING NATURAL GAS                                                                  | 21042      | MMcubic ft/yr   | Add on Oxidation Catalyst and use of Natural Gas as primary fuel for pollution prevention                                               | 3.2         | LB/H         | AV OF THREE ONE H STACK TESTS EVERY 5 YR |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                     | OH-0365  | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                                                      | 2022       | MMBTU/H         | good combustion practices along with clean fuels                                                                                        | 611.38      | T/YR         | PER ROLLING 12 MONTH PERIOD. SEE NOTES.  |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                     | OH-0365  | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                                                      | 2144       | MMBTU/H         | good combustion practices along with clean fuels                                                                                        | 0           |              |                                          |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC              | OH-0366  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 2725       | MMBTU/H         | Good combustion controls and oxidation catalyst                                                                                         | 8.2         | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                            | OH-0367  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3131       | MMBTU/H         | Good combustion controls and oxidation catalyst                                                                                         | 10.64       | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H         | Good combustion controls and oxidation catalyst                                                                                         | 8.8         | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3055       | MMBTU/H         | oxidation catalyst and good combustion control                                                                                          | 8.8         | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374  | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                                             | 3516       | MMBTU/H         | oxidation catalyst and good combustion practices as recommended by the manufacturer                                                     | 11.73       | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | General Electric Combustion Turbine (P004)                                                                                   | 3544       | MMBTU/H         | Oxidation catalyst and good combustion practices as recommended by the manufacturer.                                                    | 4.54        | LB/H         | EXCEPT STARTUP AND SHUTDOWN. SEE NOTES   |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Mitsubishi Combustion Turbine (P005)                                                                                         | 3320       | MMBTU/H         | oxidation catalyst and shall operate the emissions unit in accordance with good combustion practices as recommended by the manufacturer | 8.8         | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Siemens Combustion Turbine (P006)                                                                                            | 3602       | MMBTU/H         | oxidation catalyst and shall operate the emissions unit in accordance with good combustion practices as recommended by the manufacturer | 9.5         | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                                       | 3459.6     | MMBTU/H         | Good combustion practices and oxidation catalyst                                                                                        | 4.36        | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                                     | 3231       | MMBTU/H         | Good combustion practices and oxidation catalyst                                                                                        | 9.8         | LB/H         | WITH DUCT BURNER. SEE NOTES.             |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC          | PA-0306  | Large combustion turbine                                                                                                     | 0          |                 | Ox Cat and good combustion practices                                                                                                    | 2.4         | PPMDV@15% O2 |                                          |

**RBLC Entries for Volatile Organic Compounds Control from Turbines**

| Date       | Facility Name                                             | RBLC ID  | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                    | Limit No. 1 | Unit             | Averaging Period          |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|---------------------------|
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two combined cycle turbines with out duct burner                                                           | 2291.64    | MCF/hr          | Oxidation catalyst, good combustion practices and low sulfur fuels                                                                                                                                                | 1.5         | PPMDV @ 15% O2   |                           |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                                      | 3001.57    | MCF/hr          | Oxidation catalyst, good combustion practices and low sulfur fuels                                                                                                                                                | 1.9         | PPMDV @ 15% O2   |                           |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                              | PA-0309  | Combustion turbine with duct burner                                                                        | 3304.3     | MMBtu/hr        | Oxidation catalyst, combustion controls, exclusive natural gas                                                                                                                                                    | 1.5         | PPMDV @ 15% O2   |                           |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                              | PA-0309  | Combustion turbine without duct burner                                                                     | 0          |                 | Oxidation catalyst, combustion controls, exclusive natural gas                                                                                                                                                    | 1           | PPNDV @ 15% O2   |                           |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                                       | 3338       | MMBtu/hr        | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 1.5         | PPMDV @ 15% O2   |                           |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG without duct burner NG only                                                    | 0          |                 |                                                                                                                                                                                                                   | 1           | PPMDV @ 15% O2   |                           |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                                        | 3727       | MMBtu/hr        | Oxidation catalyst and good engineering practice                                                                                                                                                                  | 1.5         | PPMDV @ 15% O2   |                           |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine without Duct Burner                                                                     | 0          |                 | Oxidation catalyst, and good engineering practice                                                                                                                                                                 | 1.5         | LB/MMBTU         |                           |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine without Duct Burner                                                                     | 3509       | MMBtu/hr        |                                                                                                                                                                                                                   | 1           | PPMDV            | CORRECTED TO 15% O2       |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine With Duct Burner                                                                        | 4367       | MMBtu/hr        |                                                                                                                                                                                                                   | 2           | PPMDV            | CORRECTED TO 15% O2       |
| 1/26/2018  | RENOVO ENERGY CENTER, LLC                                 | *PA-0316 | Combustion Turbine Firing NG                                                                               | 0          |                 |                                                                                                                                                                                                                   | 1           | PPMDV            | CORRECTED TO 15% O2       |
| 8/27/2018  | RENAISSANCE ENERGY CENTER                                 | *PA-0319 | COMBUSTION TURBINE UNIT w/o DUCT BURNERS UNIT                                                              | 2665.9     | MMBtu/hr        | Oxidation Catalyst                                                                                                                                                                                                | 1           | PPMDV            | @15% O2                   |
| 8/27/2018  | RENAISSANCE ENERGY CENTER                                 | *PA-0319 | COMBUSTION TURBINE UNIT with DUCT BURNERS UNIT                                                             | 0          |                 |                                                                                                                                                                                                                   | 1.4         | PPMDV            | @15% O2                   |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT                       | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #2 (Natural Gas)                                                          | 4546       | MMBtu/Hr        | SCR, CATALYTIC OXIDIZER                                                                                                                                                                                           | 1.6         | PPMVD            | @ 15% O2 / 1 HR           |
| 4/29/2021  | RENOVO ENERGY CENTER LLC/RENOVO PLT                       | PA-0334  | COMBUSTION TURBINE w DUCT BURNER #1 (Natural Gas)                                                          | 4546       | MMBtu/Hr        | SCR, Catalytic Oxidizer                                                                                                                                                                                           | 1.6         | PPMVD            | @ 15% O2 / 1 HR           |
| 4/1/2015   | COLORADO BEND ENERGY CENTER                               | TX-0730  | Combined-cycle gas turbine electric generating facility                                                    | 1100       | MW              | SCR and oxidation catalyst                                                                                                                                                                                        | 4           | PPMVD @ 15% O2   | 3-HR AVERAGE              |
| 6/18/2015  | EAGLE MOUNTAIN STEAM ELECTRIC STATION                     | TX-0751  | Combined Cycle Turbines (25 MW) natural gas                                                                | 210        | MW              | Oxidation catalyst                                                                                                                                                                                                | 2           | PPM              |                           |
| 6/19/2015  | CCI CORPUS CHRISTI CONDENSATE SPLITTER FACILITY           | TX-0756  | Boilers, BL-1 and BL-2                                                                                     | 37         | MMBtu/hr (max)  | Good combustion practices will limit VOC emissions to 0.005 lb per 1000 scf. Fuel flow will be measured.                                                                                                          | 0.005       | LB/100 SCF       | EACH BOILER               |
| 10/2/2015  | LON C. HILL POWER STATION                                 | TX-0767  | Combined Cycle Turbines (25 MW)                                                                            | 195        | MW              | oxidation catalyst                                                                                                                                                                                                | 2           | PPM              |                           |
| 11/4/2015  | FGE EAGLE PINES PROJECT                                   | TX-0773  | Combined Cycle Turbines (25 MW)                                                                            | 321        | MW              | Oxidation Catalyst                                                                                                                                                                                                | 2           | PPM              |                           |
| 3/24/2016  | NECHES STATION                                            | TX-0788  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | OXIDATION CATALYST                                                                                                                                                                                                | 2           | PPM              |                           |
| 3/8/2016   | DECORDOVA STEAM ELECTRIC STATION                          | TX-0789  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | OXIDATION CATALYST                                                                                                                                                                                                | 2           | PPM              |                           |
| 2/17/2016  | PORT ARTHUR LNG EXPORT TERMINAL                           | TX-0790  | Refrigeration Compression Turbines                                                                         | 10         | M TONNES/YR     | Dry low NOx burners and good combustion practices                                                                                                                                                                 | 2           | PPM              | 3-HR AVG                  |
| 2/17/2017  | CHOCOLATE BAYOU STEAM GENERATING (CBSG) STATION           | TX-0817  | Combined Cycle Cogeneration                                                                                | 50         | MW              | OXIDATION CATALYST                                                                                                                                                                                                | 1           | PPMDV            |                           |
| 4/28/2017  | GAINES COUNTY POWER PLANT                                 | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 3.5         | PPMVD            | 15% O2                    |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                           | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | Oxidation catalyst                                                                                                                                                                                                | 2           | PPMVD            | 15% O2 3 HOUR AVERAGE     |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                           | TX-0834  | COMBINED CYCLE TURBINE MSS REDUCED LOAD                                                                    | 0          |                 | minimizing duration of startup / shutdown events, engaging the pollution control equipment as soon as practicable (based on vendor recommendations and guarantees), and meeting the emissions limits on the MAERT | 2000        | LB/H             |                           |
| 9/15/2022  | LNG EXPORT TERMINAL                                       | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | good combustion practices.                                                                                                                                                                                        | 2           | PPM              | 3-HR AVG                  |
| 3/17/2021  | UNIT 5                                                    | TX-0915  | COMBINED CYCLE TURBINE                                                                                     | 0          |                 | OXIDATION CATALYST                                                                                                                                                                                                | 1           | PPMVD            | 3-HR ROLLING              |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                      | TX-0939  | Combined Cycle Turbines                                                                                    | 1215       | MW              | Oxidation Catalyst and good combustion practices                                                                                                                                                                  | 2           | PPMVD            | 15% O2 3-HR AVERAGE       |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                      | TX-0939  | LUBE OIL VENTS                                                                                             | 0          |                 | Mist eliminator                                                                                                                                                                                                   | 0           |                  |                           |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                      | TX-0939  | TURBINE MSS                                                                                                | 0          |                 | On-line turbine washing, turbine filter changeouts, catalyst handling, fuel venting, CEMS calibration, fugitive/small equipment maintenance Good air pollution control practices and safe operating practices.    | 0           |                  |                           |
| 6/17/2016  | GREENSVILLE POWER STATION                                 | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)                            | 3227       | MMBTU/HR        | Oxidation Catalyst and good combustion practices                                                                                                                                                                  | 1.4         | PPMVD            |                           |
| 4/26/2018  | C4GT, LLC                                                 | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                        | 34000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 0.7         | PPMVD @ 15% O2   | 3 HR AV/WITHOUT DB        |
| 4/26/2018  | C4GT, LLC                                                 | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                                   | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practice                                                                                                                                                                   | 1           | PPMVD @ 15% O2   | 3 H AV/WITHOUT DB         |
| 4/26/2018  | C4GT, LLC                                                 | VA-0328  | GE Combustion Turbine - Startup and Shutdown                                                               | 34000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 60          | LB/TURBINE/EVENT | COLD START 60 MIN OR LESS |
| 4/26/2018  | C4GT, LLC                                                 | VA-0328  | Siemens Combustion Turbine - Startup; Shutdown                                                             | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                  | 37          | LB/TURBINE/EVENT | COLD START 55 MIN OR LESS |

**RBLC Entries for Volatile Organic Compounds Control from Turbines**

| Date       | Facility Name                | RBLC ID  | PROCESS NAME                                                                       | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                  | Limit No. 1 | Unit             | Averaging Period                          |
|------------|------------------------------|----------|------------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-------------------------------------------|
| 6/24/2019  | CHICKAHOMINY POWER LLC       | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators           | 35000      | MMCF/YR         | Controlled by an oxidation catalyst and good combustion practices (e.g. controlled fuel/air mixing, adequate temperature, and gas residence time)                                                                                                                               | 0.7         | PPMVD @ 15% O2   | 3 HR AVG                                  |
| 6/24/2019  | CHICKAHOMINY POWER LLC       | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators           | 35000      | MMCF/YR         | Oxidation catalyst and good combustion practices                                                                                                                                                                                                                                | 216         | LB/TURBINE/EVENT | COLD START 42 MIN OR LESS                 |
| 12/18/2020 | PANDA STONEWALL LLC          | *VA-0335 | Combustion Turbines, Two (2) and HRSG Duct Burners                                 | 2.55       | MMBTU/H         | Catalytic Oxidizer                                                                                                                                                                                                                                                              | 1.5         | PPMVD AT 15% O2  | NORMAL OPERATIONS W DUCT BURNER/W/O DB    |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER  | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                     | 4671       | MMBTU/H         | Oxidation Catalyst, good combustion control                                                                                                                                                                                                                                     | 2.7         | PPM AT 15% O2    | 168-HR AVG., NAT. GAS, DUCT FIRING        |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER  | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas) | 0          |                 |                                                                                                                                                                                                                                                                                 | 950         | LB/START-UP      |                                           |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER  | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)      | 0          |                 |                                                                                                                                                                                                                                                                                 | 2951        | LB/START-UP      |                                           |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase I Commissioning              | 2208       | MMBTU/H         |                                                                                                                                                                                                                                                                                 | 0           | SEE NOTES        |                                           |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase II Commissioning             | 2208       | MMBTU/H         |                                                                                                                                                                                                                                                                                 | 0           | (SEE NOTES)      |                                           |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER  | *WI-0326 | Combustion Turbine; S01/P01/C01a (SCR)/C01b (oxidation catalyst)                   | 4671       | MMBtu/hr        | Except during start-up and shutdown, BACT has been determined to be:<br>(a) An oxidation catalyst shall be used to control emissions from P01 while P01 is in operation.<br>(b) The permittee shall use good combustion control according to the manufacturers recommendations. | 2.7         | PPM              | 168-HOUR ROLLING, NATURAL GAS W/ DUCT     |
| 3/27/2018  | HARRISON COUNTY POWER PLANT  | *WV-0029 | GE 7HA.02 Turbine                                                                  | 3496.2     | mmBtu/hr        | Oxidation Catalyst, Good Combustion Practices                                                                                                                                                                                                                                   | 11.4        | LB/HR            |                                           |
| 9/18/2018  | BROOKE COUNTY POWER PLANT    | *WV-0032 | GE 7HA.01 Turbine                                                                  | 2737.7     | mmBtu/hr        | Oxidation Catalyst, Good Combustion Practices                                                                                                                                                                                                                                   | 8.1         | LB/HR            |                                           |
| 1/5/2022   | MAIDSVILLE                   | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                         | 1275       | mw              | good combustion practices and oxidation catalyst                                                                                                                                                                                                                                | 1           | PPMDV @ 15% O2   | AVG OF 3 1-HR TEST RUNS (W/O DUCT FIRING) |
| 1/5/2022   | MAIDSVILLE                   | *WV-0033 | Combustion Turbine; Duct Burner (CT-01/HRSG1; CT-02/HRSG2)                         | 1275       | mw              | good combustion practices and oxidation catalyst                                                                                                                                                                                                                                | 1           | PPMDV @ 15% O2   | AVG OF 3 1-HR TEST RUNS (W/O DUCT FIRING) |



**RBLC Entries for GHG Control from Turbines**

| Date       | Facility Name                                        | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT      | Control Method                                                                                                   | Limit No. 1 | Unit             | Averaging Period                         |
|------------|------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|------------------------------------------------------------------------------------------------------------------|-------------|------------------|------------------------------------------|
| 8/13/2020  | GAS TREATMENT PLANT                                  | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (Treated Gas Compressor Turbines)                                                    | 576        | MMBtu/hr             | Good combustion practices and clean burning fuel (NG)                                                            | 117.1       | LB/MMBTU         | 3-HOUR AVERAGE                           |
| 8/13/2020  | GAS TREATMENT PLANT                                  | AK-0085  | Six (6) Cogeneration Gas-Fired Turbines (CO2 Compressor Turbines)                                                            | 431        | MMBtu/hr             | Good combustion practices and clean burning fuel (NG)                                                            | 117.1       | LB/MMBTU         | 3-HOUR AVERAGE                           |
| 7/7/2022   | LIQUEFACTION PLANT                                   | AK-0088  | Four Combined Cycle Gas-Fired Turbines                                                                                       | 384        | MMBtu/hr             | Good combustion practices and burning clean fuels (natural gas)                                                  | 117.1       | LB/MMBTU         | 3-HOURS                                  |
| 6/30/2017  | KILLINGLY ENERGY CENTER                              | CT-0161  | Natural Gas w/o Duct Firing                                                                                                  | 2969       | MMBtu/hr             | Use of low carbon fuel                                                                                           | 7273        | BTU/KW-HR        | 12-MONTH ROLLING (NET PLANT, GAS ONLY)   |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                       | FL-0356  | Combined-cycle electric generating unit                                                                                      | 3096       | MMBtu/hr per turbine | Use of low-emitting fuels and technologies                                                                       | 850         | LB/MWH           | FOR GAS OPERATION, 12-MO ROLLING         |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                  | FL-0371  | GE 7HA.02 Combustion Turbine and HRSG with Duct Firing                                                                       | 3622.1     | MMBtu/hour           | Low-emitting fuel                                                                                                | 875         | LB/MWH           | 12-MO ROLLING (PRIMARY BACT)             |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                       | IL-0129  | Combined Cycle Combustion Turbines                                                                                           | 3474       | mmBtu/hr             | Equipment design and proper operation                                                                            | 0           |                  |                                          |
| 12/31/2018 | JACKSON ENERGY CENTER                                | IL-0130  | Combined-Cycle Combustion Turbine                                                                                            | 3864       | mmBtu/hr             | Equipment design and proper operation                                                                            | 4733910     | TONS/YEAR        | 12-MONTH ROLLING AVERAGE                 |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                           | IL-0133  | Combined-Cycle Combustion Turbines                                                                                           | 3647       | mmBtu/hour           | Inherently lower-polluting design, good combustion practices and operational energy efficiency                   | 850         | LB/MW-HR (GROSS) | 12 CONSECUTIVE OPERATING MONTHS          |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                               | *IN-0365 | Combined Cycle Turbine CTGB                                                                                                  | 4200       | MMBtu per hour       |                                                                                                                  | 826         | LB/MW-HR (GROSS) | CORRECTED TO ISO CONDITIONS              |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                               | *IN-0365 | Combined Cycle Turbine CTGA                                                                                                  | 3800       | MMBtu per hour       |                                                                                                                  | 726         | LB/MW-HR (GROSS) | CORRECTED TO ISO CONDITIONS              |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                         | IN-0371  | Integrated Gasification Combined Cycle Combustion Turbine                                                                    | 2292       | MMBtu/hr             | Good Combustion Practices                                                                                        | 110         | LB/MMBTU         |                                          |
| 2/14/2025  | DUKE ENERGY INDIANA, INC.- CAYUGA GENERATING STATION | IN-0382  | Combustion Turbines (6A and 6B)                                                                                              | 4254       | MMBtu/hr             | good combustion practices and efficient turbine design                                                           | 850         | LB/MW-HR         | PER TWELVE (12) CONSECUTIVE MONTH PERIOD |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY                 | KS-0029  | Combined cycle combustion turbine                                                                                            | 250        | MW                   |                                                                                                                  | 1022755.9   | TONS PER YEAR    | 12-MONTH ROLLING AVERAGE                 |
| 8/31/2016  | ST. CHARLES POWER STATION                            | LA-0313  | SCPS Combined Cycle Unit 1A                                                                                                  | 3625       | MMBTU/hr             | Thermally efficient combustion turbines and good combustion practices                                            | 0           |                  |                                          |
| 8/31/2016  | ST. CHARLES POWER STATION                            | LA-0313  | SCPS Combined Cycle Unit 1B                                                                                                  | 3625       | MMBTU/hr             | Thermally efficient combustion turbines and good combustion practices                                            | 0           |                  |                                          |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                           | LA-0331  | Combined Cycle Combustion Turbines (CCCT1 to CCCT5)                                                                          | 921        | MM BTU/h             | Combust low carbon fuel gas and good combustion practices                                                        | 2602275     | T/YR             | ANNUAL TOTAL                             |
| 1/6/2020   | FG LA COMPLEX                                        | LA-0364  | Cogeneration Units                                                                                                           | 2222       | mm btu/h             | Use of natural gas as fuel, energy-efficient design options, and operational/maintenance practices.              | 1096666     | TONS/YR          |                                          |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1             | LA-0391  | Combined Cycle Gas Turbine w/ Duct Burners and HRSG                                                                          | 5081       | mm BTU/h             | Use of gaseous fuel (pipeline-quality natural gas), thermally efficient turbines, and good combustion practices. | 875         | LB/MW-H          | ANNUAL AVERAGE                           |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1             | LA-0391  | Combined Cycle Gas Turbine Startup and Shutdown                                                                              | 5081       | mm BTU/h             | Good combustion practices.                                                                                       | 2528349     | T/YR             |                                          |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                             | MD-0045  | 2 COMBINED-CYCLE COMBUSTION TURBINES                                                                                         | 286        | MW                   |                                                                                                                  | 865         | LB/MW-H          | 12-MONTH ROLLING AVERAGE                 |
| 1/4/2017   | INDECK NILES, LLC                                    | MI-0423  | FGCTGHRSG (2 Combined Cycle CTGs with HRSGs)                                                                                 | 8322       | MMBTU/H              | Energy efficiency measures and the use of a low carbon fuel (pipeline quality natural gas).                      | 2097001     | T/YR             | 12-MONTH ROLLING TIME PERIOD             |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET      | MI-0424  | FGCTGHRSG (2 Combined cycle CTGs with HRSGs; EUCTGHRSG10; EUCTGHRSG11)                                                       | 554        | MMBTU/H, each        | Energy efficiency measures and the use of a low carbon fuel (pipeline quality natural gas).                      | 312321      | T/YR             | 12-MO. ROLLING TIME PERIOD; EACH EU.     |
| 11/17/2017 | FILER CITY STATION                                   | MI-0427  | EUCCT (Combined cycle CTG with unfired HRSG)                                                                                 | 1934.7     | MMBTU/H              | Energy efficiency measures and the use of a low carbon fuel (pipeline quality natural gas).                      | 992286      | T/YR             | 12-MO.ROLL.TIME PERIOD                   |
| 7/30/2018  | NEW COVERT GENERATING FACILITY                       | MI-0432  | FG-TURB/DB1-3 (3 combined cycle combustion turbine and heat recovery steam generator trains)                                 | 1230       | MW                   | Several energy efficiency measures and the use of natural gas.                                                   | 1425081     | T/YR             | EACH CT/HRSG TRAIN; 12-MO. ROLL TIME PER |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                     | MI-0433  | EUCTGHRSG (South Plant): A combined cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW                   | Energy efficiency measures and the use of a low carbon fuel (pipeline quality natural gas).                      | 1978297     | T/YR             | 12-MO ROLLING TIME PERIOD                |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                     | MI-0433  | EUCTGHRSG (North Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 500        | MW                   | Energy efficiency measures and the use of a low carbon fuel (pipeline quality natural gas).                      | 1978297     | T/YR             | 12-MO ROLL TIME PERIOD                   |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT               | MI-0435  | FGCTGHRSG (EUCTGHRSG1; EUCTGHRSG2)                                                                                           | 0          |                      | Energy efficiency measures                                                                                       | 2042773     | T/YR             | 12-MO ROLLING TIME PERIOD; EACH UNIT     |
| 4/2/2019   | JACKSON GENERATING STATION                           | MI-0439  | FGLMDB1-6 (6 combined cycle natural gas fired CTG each equipped with a HRSG)                                                 | 420        | MW                   | Use of low carbon fuel (natural gas), good combustion practices, and energy efficiency measures.                 | 1000257     | T/YR             | 12-MONTH ROLLING TIME PERIOD             |
| 12/21/2018 | LBWL--ERICKSON STATION                               | MI-0441  | EUCTGHRSG2--A 667 MMBTU/H natural gas fired CTG with a HRSG.                                                                 | 667        | MMBTU/H              | low carbon fuel (pipeline quality natural gas), good combustion practices and energy efficiency measures.        | 430349      | T/YR             | 12-MO ROLLING TIME PERIOD                |
| 12/21/2018 | LBWL--ERICKSON STATION                               | MI-0441  | EUCTGHRSG1--A 667 MMBTU/H NG fired combustion turbine generator coupled with a heat recovery steam generator (HRSG)          | 667        | MMBTU/H              | Low carbon fuel (pipeline quality natural gas), good combustion practices and energy efficiency measures.        | 430349      | T/YR             | 12-MO ROLLING TIME PERIOD                |

**RBLC Entries for GHG Control from Turbines**

| Date       | Facility Name                                             | RBLC ID  | PROCESS NAME                                                                                                                 | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                             | Limit No. 1 | Unit       | Averaging Period                         |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------------------|-------------|------------|------------------------------------------|
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                               | MI-0442  | FGCTGHRSG                                                                                                                    | 625        | MW              | Energy efficiency measures                                                                                 | 2739722     | T/YR       | 12-MONTH ROLLING TIME PERIOD; EACH UNIT  |
| 11/26/2019 | INDECK NILES, LLC                                         | *MI-0445 | FGCTGHRSG                                                                                                                    | 3421       | MMBTU/H         | Good combustion practices, inlet air conditioning, and the use of pipeline quality natural gas.            | 1911481     | T/YR       | 12-MO ROLLING TIME PERIOD; EACH CTGHRSG  |
| 1/7/2021   | LBWL--ERICKSON STATION                                    | MI-0447  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | Low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures. | 430349      | T/YR       | 12-MO ROLLING TIME PERIOD                |
| 1/7/2021   | LBWL--ERICKSON STATION                                    | MI-0447  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures. | 430349      | T/YR       | 12-MO ROLLING TIME PERIOD                |
| 6/23/2022  | MEC NORTH, LLC                                            | MI-0451  | EUCTGHRSG (North Plant): A combined cycle natural gas fired combustion turbine generator with heat recovery steam generator  | 3064       | MMBTU/H         | Energy efficiency measures and the use of a low carbon fuel (pipeline quality natural gas)                 | 2001019     | T/YR       | 12-MO ROLLING TIME PERIOD                |
| 6/23/2022  | MEC SOUTH, LLC                                            | MI-0452  | EUCTGHRSG (South Plant): A combined-cycle natural gas-fired combustion turbine generator with heat recovery steam generator. | 3064       | MMBTU/H         | Energy Efficiency Measures and the use of a low carbon fuel (pipeline quality natural gas)                 | 2001019     | T/YR       | 12-MO ROLLING TIME PERIOD                |
| 12/20/2022 | LBWL-ERICKSON STATION                                     | MI-0454  | EUCTGHRSG1                                                                                                                   | 667        | MMBTU/H         | low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures. | 430349      | T/YR       | 12-MO ROLLING TIME PERIOD; DUR. ALL MODE |
| 12/20/2022 | LBWL-ERICKSON STATION                                     | MI-0454  | EUCTGHRSG2                                                                                                                   | 667        | MMBTU/H         | Low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures. | 430349      | T/YR       | 12-MO ROLLING TIME PERIOD                |
| 2/1/2023   | MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP          | MI-0455  | EUCTGHRSG1                                                                                                                   | 4197.6     | MMBTU/H         | Low carbon fuel, good combustion practices, energy efficiency measures.                                    | 2375313     | T/YR       | 12-MO ROLLING TIME PERIOD                |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                              | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas with Duct Burner                                                        | 4000       | h/yr            | USE OS NATURAL GAS A CLEAN BURNING FUEL                                                                    | 888         | LB/MW-H    | BASED ON CONSECUTIVE 12 MONTH ROLLING    |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                              | NJ-0085  | Combined Cycle Combustion Turbine firing Natural Gas without Duct Burner                                                     | 8040       | H/YR            | USE OF NATURAL GAS A CLEAN BURNING FUEL                                                                    | 888         | LB/MW-H    | BASED ON CONSECUTIVE 12 MONTH ROLLING    |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                             | OH-0365  | Combustion Turbines, Scenario 1 (4, identical) (P001, P002, P004, P005)                                                      | 2022       | MMBTU/H         | high efficiency                                                                                            | 7471        | BTU/KW-H   | HHV NET PER EACH CCT BLOCK. SEE NOTES.   |
| 5/20/2015  | ROLLING HILLS GENERATING, LLC                             | OH-0365  | Combustion Turbines, Scenario 2 (4, identical) (P001, P002, P004, P005)                                                      | 2144       | MMBTU/H         | high efficiency                                                                                            | 7471        | BTU/KW-H   | HHV NET PER EACH CCT BLOCK. SEE NOTES.   |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                      | OH-0366  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 2725       | MMBTU/H         | High efficient combustion technology                                                                       | 833         | LB/MW-H    | WITHOUT DUCT BURNERS. SEE NOTES.         |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                    | OH-0367  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3131       | MMBTU/H         | High efficient combustion technology                                                                       | 481301      | LB/H       | NAT GAS, WITH DUCT BURNER. SEE NOTES.    |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                    | OH-0370  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3025       | MMBTU/H         | High efficient combustion technology                                                                       | 833         | LB/MW-H    | SEE NOTES.                               |
| 9/27/2017  | OREGON ENERGY CENTER                                      | OH-0372  | Combined Cycle Combustion Turbines (two, identical) (P001 and P002)                                                          | 3055       | MMBTU/H         | high efficiency combustion design                                                                          | 401921      | LB/H       | SEE NOTES.                               |
| 10/23/2017 | GUERNSEY POWER STATION LLC                                | OH-0374  | Combined Cycle Combustion Turbines (3, identical) (P001 to P003)                                                             | 3516       | MMBTU/H         | high efficiency combustion practices as recommended by the manufacturer                                    | 846         | LB/MW-H    | WITHOUT DUCT BURNER. SEE NOTES.          |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | General Electric Combustion Turbine (P004)                                                                                   | 3544       | MMBTU/H         | high efficiency combustion practices as recommended by the manufacturer                                    | 775         | LB/MW-H    | SEE NOTES.                               |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | Mitsubishi Combustion Turbine (P005)                                                                                         | 3320       | MMBTU/H         | high efficiency combustion practices as recommended by the manufacturer                                    | 1000        | LB/MW-H    | WITH DUCT BURNER. SEE NOTES.             |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER         | OH-0375  | Siemens Combustion Turbine (P006)                                                                                            | 3602       | MMBTU/H         | high efficiency combustion practices as recommended by the manufacturer                                    | 1000        | LB/MW-H    | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | General Electric (GE) Combustion Turbines (P005; P006)                                                                       | 3459.6     | MMBTU/H         | High efficient combustion technology                                                                       | 1000        | LB/MW-H    | WITH DUCT BURNER. SEE NOTES.             |
| 4/19/2018  | HARRISON POWER                                            | OH-0377  | Mitsubishi Hitachi Power Systems (MHPS) Combustion Turbines (P007; P008)                                                     | 3231       | MMBTU/H         | High efficient combustion technology                                                                       | 1000        | LB/MW-H    | WITH DUCT BURNER. SEE NOTES.             |
| 2/12/2016  | TENASKA PA PARTNERS/WESTMORELAND GEN FAC                  | PA-0306  | Large combustion turbine                                                                                                     | 0          |                 | Good combustion practices                                                                                  | 1881905     | TPY        |                                          |
| 6/15/2015  | YORK ENERGY CENTER BLOCK 2 ELECTRICITY GENERATION PROJECT | PA-0307  | Two Combine Cycle Combustion Turbine with Duct Burner                                                                        | 3001.57    | MCF/hr          | Good combustion practices and oxidation catalyst                                                           | 883         | LB/MW-HR   | EXPRESSED AS CO2E (NET)                  |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                              | PA-0309  | Combustion turbine with duct burner                                                                                          | 3304.3     | MMBTu/hr        |                                                                                                            | 1629115     | TONS       | YEAR                                     |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                                | PA-0310  | Combustion turbine and HRSG with duct burner NG only                                                                         | 3338       | MMBTu/hr        | low sulfur fuel and good combustion practices                                                              | 3352086     | TONS       | 12-MONTH ROLLING BASIS                   |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                            | PA-0311  | Combustion Turbine With Duct Burner                                                                                          | 3727       | MMBTu/hr        |                                                                                                            | 1000        | LB CO2/MWH | GROSS ON A 12-MONTH ROLLING BASIS        |
| 4/12/2017  | HILLTOP ENERGY CENTER, LLC                                | *PA-0315 | Combustion Turbine without Duct Burner                                                                                       | 3509       | MMBTu/hr        |                                                                                                            | 879         | LB         | MWH (GROSS)                              |
| 4/19/2016  | JOHNSONVILLE COGENERATION                                 | TN-0162  | Natural Gas-Fired Combustion Turbine with HRSG                                                                               | 1339       | MMBTu/hr        | Good combustion design and practices                                                                       | 1800        | LB/MWH     | 12-MONTH MOVING AVERAGE                  |
| 2/1/2018   | TVA - JOHNSONVILLE COGENERATION                           | *TN-0164 | Dual-fuel CT and HRSG with duct burner                                                                                       | 1020       | MMBTu/hr        | Good combustion design & practices                                                                         | 1800        | LB/MWH     | 12-MONTH MOVING AVERAGE                  |

**RBLC Entries for GHG Control from Turbines**

| Date      | Facility Name                                        | RBLC ID  | PROCESS NAME                                                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                             | Limit No. 1 | Unit         | Averaging Period                       |
|-----------|------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|----------------------------------------|
| 2/27/2015 | CORPUS CHRISTI LIQUEFACTION PLANT                    | TX-0679  | Refrigeration Compressor Turbine                                                                           | 40000      | hp              | Install efficient turbines, follow the turbine manufacturer's emission-related written instructions for maintenance activities including prescribed maintenance intervals to assure good combustion and efficient operation. Compressors shall be inspected and maintained according to a written maintenance plan to maintain efficiency. | 146754      | TPY          | 12-MONTH ROLLING BASIS                 |
| 9/11/2015 | GOLDEN PASS LNG EXPORT TERMINAL                      | TX-0766  | Refrigeration Compression Turbines                                                                         | 15.6       | MMtpy           | Equipment specifications & work practices - Good combustion practices and use of low carbon fuel                                                                                                                                                                                                                                           | 614533      | TPY          |                                        |
| 11/4/2015 | FGE EAGLE PINES PROJECT                              | TX-0773  | Combined Cycle Turbines (25 MW)                                                                            | 321        | MW              | Low carbon fuel, good combustion, efficient combined cycle design                                                                                                                                                                                                                                                                          | 886         | LB/MW H      | WITHOUT DUCT FIRING                    |
| 3/1/2016  | TRINIDAD GENERATING FACILITY                         | TX-0787  | Combined Cycle; Cogeneration                                                                               | 497        | MW              | Good Combustion Practices                                                                                                                                                                                                                                                                                                                  | 937         | LB/MW HR     |                                        |
| 3/24/2016 | NECHES STATION                                       | TX-0788  | Combined Cycle; Cogeneration                                                                               | 231        | MW              | GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                                                  | 924         | LB/MWH       |                                        |
| 2/17/2016 | PORT ARTHUR LNG EXPORT TERMINAL                      | TX-0790  | Refrigeration Compression Turbines                                                                         | 10         | M TONNES/YR     | Equipment specifications & work practices - Good combustion practices and use of low carbon fuel                                                                                                                                                                                                                                           | 504517      | T/YR         |                                        |
| 3/18/2016 | ROCKWOOD ENERGY CENTER                               | TX-0791  | Combined Cycle; Cogeneration ( 25 megawatts (MW))                                                          | 889        | MW              | Good combustion practices                                                                                                                                                                                                                                                                                                                  | 901         | LB/MWH       |                                        |
| 3/18/2016 | ROCKWOOD ENERGY CENTER                               | TX-0791  | Combined Cycle; Cogeneration ( 25 MW)                                                                      | 1127       | MW              | Good combustion practices                                                                                                                                                                                                                                                                                                                  | 865         | LB/MWH       |                                        |
| 3/18/2016 | ROCKWOOD ENERGY CENTER                               | TX-0791  | Combined Cycle; Cogeneration ( 25 MW)                                                                      | 748        | MW              | Good combustion practices                                                                                                                                                                                                                                                                                                                  | 944         | LB/MWH       |                                        |
| 3/18/2016 | ROCKWOOD ENERGY CENTER                               | TX-0791  | Combined Cycle; Cogeneration ( 25 MW)                                                                      | 889        | MW              | good combustion practices                                                                                                                                                                                                                                                                                                                  | 929         | LB/MWH       |                                        |
| 3/18/2016 | ROCKWOOD ENERGY CENTER                               | TX-0791  | Combined Cycle; Cogeneration ( 25 MW)                                                                      | 889        | MW              | good combustion practices                                                                                                                                                                                                                                                                                                                  | 929         | LB/MWH       |                                        |
| 3/18/2016 | ROCKWOOD ENERGY CENTER                               | TX-0791  | Combined Cycle; Cogeneration ( 25 MW)                                                                      | 915        | MW              | good combustion practices                                                                                                                                                                                                                                                                                                                  | 965         | LB/MWH       |                                        |
| 7/19/2016 | EAGLE MOUNTAIN STEAM ELECTRIC STATION                | TX-0805  | Combined Cycle; Cogeneration                                                                               | 462        | MW              | Good Combustion Practices                                                                                                                                                                                                                                                                                                                  | 917         | LB/MW H      |                                        |
| 10/4/2016 | DECORDOVA STEAM ELECTRIC STATION (DECORDOVA STATION) | TX-0810  | Combined Cycle and Cogeneration (25 MW)                                                                    | 213        | MW              | good combustion practices and firing low carbon fuel.                                                                                                                                                                                                                                                                                      | 966         | LB/MW H      |                                        |
| 2/17/2017 | CHOCOLATE BAYOU STEAM GENERATING (CBSG) STATION      | TX-0817  | Combined Cycle Cogeneration                                                                                | 50         | MW              |                                                                                                                                                                                                                                                                                                                                            | 1000        | LB/MW H      |                                        |
| 4/28/2017 | GAINES COUNTY POWER PLANT                            | TX-0819  | Combined Cycle Turbine with Heat Recovery Steam Generator, fired Duct Burners, and Steam Turbine Generator | 426        | MW              | Pipeline quality natural gas                                                                                                                                                                                                                                                                                                               | 960         | LB / MW H    |                                        |
| 3/30/2018 | MONTGOMERY COUNTY POWER STATION                      | TX-0834  | Combined Cycle Turbine                                                                                     | 2635       | MMBTU/HR/UNIT   | PIPELINE QUALITY NATURAL GAS, GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                    | 884         | LB/MWH       |                                        |
| 3/30/2018 | MONTGOMERY COUNTY POWER STATION                      | TX-0834  | COMBINED CYCLE TURBINE MSS REDUCED LOAD                                                                    | 0          |                 | minimizing duration of startup / shutdown events, engaging the pollution control equipment as soon as practicable (based on vendor recommendations and guarantees), and meeting the emissions limits on the MAERT                                                                                                                          | 223         | TON/H        |                                        |
| 9/15/2022 | LNG EXPORT TERMINAL                                  | TX-0878  | Refrigeration Compression Turbines                                                                         | 26.92      | MMTON/Y         | Equipment specifications & work practices - Good combustion practices and use of low carbon fuel                                                                                                                                                                                                                                           | 504000      | TON/Y        |                                        |
| 3/17/2021 | UNIT 5                                               | TX-0915  | COMBINED CYCLE TURBINE                                                                                     | 0          |                 | Low sulfur natural gas fuel                                                                                                                                                                                                                                                                                                                | 0           |              |                                        |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION                 | TX-0939  | Combined Cycle Turbines                                                                                    | 1215       | MW              | good combustion practices and clean fuel                                                                                                                                                                                                                                                                                                   | 0           |              |                                        |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION                 | TX-0939  | TURBINE MSS                                                                                                | 0          |                 | On-line turbine washing, turbine filter changeouts, catalyst handling, fuel venting, CEMS calibration, fugitive/small equipment maintenance Good air pollution control practices and safe operating practices.                                                                                                                             | 0           |              |                                        |
| 3/13/2023 | ORANGE COUNTY ADVANCED POWER STATION                 | TX-0939  | CIRCUIT BREAKER FUGITIVES                                                                                  | 0          |                 | State-of-the-art circuit breakers that are gas-tight and require minimal SF6 are used. An AVO monitoring program is used to detect circuit breaker leaks.                                                                                                                                                                                  | 0           |              |                                        |
| 6/17/2016 | GREENSVILLE POWER STATION                            | VA-0325  | COMBUSTION TURBINE GENERATOR WITH DUCT-FIRED HEAT RECOVERY STEAM GENERATORS (3)                            | 3227       | MMBTU/HR        |                                                                                                                                                                                                                                                                                                                                            | 890         | LB/MWH       | NET OUTPUT AFTER 30 YEARS OF OPERATION |
| 4/26/2018 | C4GT, LLC                                            | VA-0328  | GE Combustion Turbine - Option 1 - Normal Operation                                                        | 34000      | MMCF/YR         | Energy efficient combustion practices and low GHG fuels                                                                                                                                                                                                                                                                                    | 883         | LB CO2E/MW-H | 12 MO ROLLING TOTAL                    |
| 4/26/2018 | C4GT, LLC                                            | VA-0328  | Siemens Combustion Turbine - Option 2 - Normal Operation                                                   | 35000      | MMCF/YR         | Energy efficient combustion practices and low GHG fuels                                                                                                                                                                                                                                                                                    | 883         | LB CO2E/MW-H | 12 MO ROLLING TOTAL                    |
| 6/24/2019 | CHICKAHOMINY POWER LLC                               | VA-0332  | Three (3) Mitsubishi Hitachi Power Systems combustion turbine generators                                   | 35000      | MMCF/YR         | Energy efficient combustion practices and low GHG fuels                                                                                                                                                                                                                                                                                    | 812         | LB/CO2E/MW-H | 12 MO ROLLING TOTAL                    |
| 8/20/2020 | WPL- RIVERSIDE ENERGY CENTER                         | WI-0299  | Natural gas fired combustion turbine with heat recovery steam generator (P20, P21)                         | 250        | MMBTU/H         |                                                                                                                                                                                                                                                                                                                                            | 350         | T            | DURING ANY DOCUMENTED STARTUP EVENT    |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER                          | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01)                                                             | 4671       | MMBTU/H         | Efficient turbine design, only combust pipeline quality natural gas and diesel fuel oil, Oxidation Catalyst                                                                                                                                                                                                                                | 850         | LB CO2/MW-H  | 12-MO ROLLING AVG., NATURAL GAS        |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER                          | WI-0300  | Natural Gas-Fired Combined-Cycle Turbine (P01) Start-up and Shutdown (Natural Gas)                         | 0          |                 |                                                                                                                                                                                                                                                                                                                                            | 939573      | LB/START-UP  |                                        |
| 9/1/2020  | NEMADJI TRAIL ENERGY CENTER                          | WI-0300  | Natural-Gas-Fired Combined-Cycle Turbine (P01) Start-Up and Shutdown (diesel)                              | 0          |                 |                                                                                                                                                                                                                                                                                                                                            | 1639929     | LB/START-UP  |                                        |
| 2/28/2020 | WPL- RIVERSIDE ENERGY CENTER                         | WI-0306  | Natural Gas Fired Combustion Turbine (P20, P21) Phase I Commissioning                                      | 2208       | MMBTU/H         |                                                                                                                                                                                                                                                                                                                                            | 118         | LB CO2/MMBTU | HEAT INPUT                             |
| 3/27/2018 | HARRISON COUNTY POWER PLANT                          | *WV-0029 | GE 7HA.02 Turbine                                                                                          | 3496.2     | mmBtu/hr        | Use of Natural Gas, Model GE7HA                                                                                                                                                                                                                                                                                                            | 528543      | LB/HR        |                                        |
| 9/18/2018 | BROOKE COUNTY POWER PLANT                            | *WV-0032 | GE 7HA.01 Turbine                                                                                          | 2737.7     | mmBtu/hr        | Use of Natural Gas, Model GE7HA                                                                                                                                                                                                                                                                                                            | 417382      | LB/HR        |                                        |

**RBLC Entries for Nitrogen Oxides Control from Emergency Engines**

| Date       | Facility Name                              | RBLC ID | PROCESS NAME                                              | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                   | Limit No. 1 | Unit        |
|------------|--------------------------------------------|---------|-----------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 1/14/2015  | WARREN TECHNICAL CENTER                    | MI-0418 | FG-BACKUPGENS (Nine (9) DRUPS Emergency Engines)          | 3490       | KW         | No add-on controls, but injection timing retardation (ITR) is good design. Engines are tuned for low-NOx operation versus low CO operation.                                      | 8           | G/KW-H      |
| 1/14/2015  | WARREN TECHNICAL CENTER                    | MI-0418 | Four (4) emergency engines in FG-BACKUPGENS               | 2710       | KW         | No add-on controls, but injection timing retardation (ITR) is good design. Engines are tuned for low-NOx operation versus low CO operation.                                      | 7.13        | G/KW-H      |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082 | Emergency Camp Generators                                 | 2695       | hp         |                                                                                                                                                                                  | 4.8         | GRAMS/HP-H  |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082 | Fine Water Pumps                                          | 610        | hp         |                                                                                                                                                                                  | 3           | GRAMS/HP-H  |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082 | Bulk Tank Generator Engines                               | 891        | hp         |                                                                                                                                                                                  | 4.8         | GRAMS/HP-H  |
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY      | TX-0728 | Emergency Diesel Generator                                | 1500       | hp         | Minimized hours of operations Tier II engine                                                                                                                                     | 0.0218      | G/HP HR     |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY               | LA-0309 | Emergency Generator Engines                               | 2922       | hp (each)  | Complying with 40 CFR 60 Subpart IIII                                                                                                                                            | 6.4         | G/KW-HR     |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC       | OH-0366 | Emergency generator (P003)                                | 2346       | HP         | State-of-the-art combustion design                                                                                                                                               | 21.6        | LB/H        |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT             | PA-0311 | Fire Pump Engine                                          | 0          |            |                                                                                                                                                                                  | 3           | G/HP-HR     |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP               | PA-0309 | 2000 kW Emergency Generator                               | 0          |            |                                                                                                                                                                                  | 5.45        | GM/HP-HR    |
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                | LA-0292 | Emergency Generators No. 1 & No. 2                        | 1341       | HP         | Good equipment design, proper combustion techniques, use of low sulfur fuel, and compliance with 40 CFR 60 Subpart IIII                                                          | 14.16       | LB/HR       |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER               | NY-0103 | Black start generator                                     | 3000       | KW         | Generator equipped with selective catalytic reduction. Compliance demonstrated with vendor emission certification and adherence to vendor-specified maintenance recommendations. | 2.11        | G/BHP-H     |
| 3/10/2016  | PSEG FOSSIL LLC SEWARAN GENERATING STATION | NJ-0084 | Diesel Fired Emergency Generator                          | 44         | H/YR       | use of ultra low sulfur diesel a clean burning fuel.                                                                                                                             | 42.3        | LB/H        |
| 3/21/2016  | MAGNOLIA LNG FACILITY                      | LA-0307 | Diesel Engines                                            | 0          |            | good combustion practices, Use ultra low sulfur diesel, and comply with 40 CFR 60 Subpart IIII                                                                                   | 0           |             |
| 6/17/2016  | GREENSVILLE POWER STATION                  | VA-0325 | DIESEL-FIRED EMERGENCY GENERATOR 3000 KW (1)              | 0          |            | Good Combustion Practices/Maintenance                                                                                                                                            | 6.4         | G/KW        |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY             | LA-0305 | Diesel Engines (Emergency)                                | 4023       | hp         | Complying with 40 CFR 60 Subpart IIII                                                                                                                                            | 0           |             |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421 | Emergency Diesel Generator Engine (EUEMRGRICE in FGRICE)  | 500        | H/YR       | Certified engines, limited operating hours.                                                                                                                                      | 22.6        | LB/H        |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421 | Dieself fire pump engine (EUFIREPUMP in FGRICE)           | 500        | H/YR       | Certified engines, limited operating hours.                                                                                                                                      | 3.53        | LB/H        |
| 8/31/2016  | ST. CHARLES POWER STATION                  | LA-0313 | SCPS Emergency Diesel Generator 1                         | 2584       | HP         | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                              | 27.34       | LB/H        |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                 | PA-0310 | Emergency Generator Engines                               | 0          |            |                                                                                                                                                                                  | 4.8         | G/BHP-HR    |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                     | OH-0367 | Emergency generator (P003)                                | 2947       | HP         | State-of-the-art combustion design                                                                                                                                               | 27.18       | LB/H        |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317 | Emergency Generator Engines (4 units)                     | 0          |            | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                 | 0           |             |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317 | Firewater pump Engines (4 units)                          | 896        | hp (each)  | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                 | 0           |             |
| 1/4/2017   | INDECK NILES, LLC                          | MI-0423 | EUEMENGINE (Diesel fuel emergency engine)                 | 22.68      | MMBTU/H    | Good combustion practices and meeting NSPS IIII requirements.                                                                                                                    | 6.4         | G/KW-H      |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323 | Fire Water Diesel Pump No. 3 Engine                       | 600        | hp         | Proper operation and limits on hours operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                  | 0           |             |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323 | Fire Water Diesel Pump No. 4 Engine                       | 600        | hp         | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                               | 0           |             |
| 2/17/2017  | CAMERON LNG FACILITY                       | LA-0316 | emergency generator engines (6 units)                     | 3353       | hp         | Complying with 40 CFR 60 Subpart IIII                                                                                                                                            | 0           |             |
| 3/23/2017  | MIDWEST FERTILIZER COMPANY LLC             | IN-0263 | EMERGENCY GENERATORS (EU014A AND EU-014B)                 | 3600       | HP EACH    | GOOD COMBUSTION PRACTICES                                                                                                                                                        | 4.42        | G/HP-H EACH |
| 4/19/2017  | PALLAS NITROGEN LLC                        | OH-0368 | Emergency Generator (P009)                                | 5000       | HP         | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                          | 5.5         | LB/H        |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425 | EUEMRGRICE1 in FGRICE (Emergency diesel generator engine) | 500        | H/YR       | Certified engines, limited operating hours.                                                                                                                                      | 21.2        | LB/H        |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425 | EUEMRGRICE2 in FGRICE (Emergency Diesel Generator Engine) | 500        | H/YR       | Certified engines, limited operating hours                                                                                                                                       | 4.4         | LB/H        |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425 | EUFIREPUMP in FGRICE (Diesel fire pump engine)            | 500        | H/YR       | Certified engines. Limited operating hours.                                                                                                                                      | 3.53        | LB/H        |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                  | MA-0043 | Cold Start Engine                                         | 19.04      | MMBTU/HR   |                                                                                                                                                                                  | 35.09       | LB/HR       |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084 | Black Start and Emergency Internal Combustion Engines     | 1500       | kWe        | Good Combustion Practices                                                                                                                                                        | 8           | G/KW-HR     |

**RBLC Entries for Nitrogen Oxides Control from Emergency Engines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                                   | Limit No. 1 | Unit           |
|------------|---------------------------------------------------|----------|----------------------------------------------------------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
| 6/30/2017  | DONLIN GOLD PROJECT                               | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBtu/hr   | Selective Catalytic Reduction (SCR) and Good Combustion Practices                                                                                                                                | 0.53        | G/KW-HR (ULSD) |
| 6/30/2017  | ST. JAMES METHANOL PLANT                          | *LA-0312 | DFP1-13 - Diesel Fire Pump Engine (EQT0013)                          | 650        | horsepower | Compliance with NSPS Subpart IIII                                                                                                                                                                | 6.6         | LB/HR          |
| 6/30/2017  | ST. JAMES METHANOL PLANT                          | *LA-0312 | DEG1-13 - Diesel Fired Emergency Generator Engine (EQT0012)          | 1474       | horsepower | Compliance with NSPS Subpart IIII                                                                                                                                                                | 19.23       | LB/HR          |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370  | Emergency generator (P003)                                           | 1529       | HP         | State-of-the-art combustion design                                                                                                                                                               | 16.07       | LB/H           |
| 9/15/2017  | INWOOD                                            | WV-0027  | Emergency Generator - ESDG14                                         | 900        | bhp        | Engine Design                                                                                                                                                                                    | 4.77        | G/HP-HR        |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372  | Emergency generator (P003)                                           | 1529       | HP         | State-of-the-art combustion design                                                                                                                                                               | 16.1        | LB/H           |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374  | Emergency Generators (2 Identical, P004 and P005)                    | 2206       | HP         | Certified to the meet the emissions standards in 40 CFR 89.112 and 89.113 pursuant to 40 CFR 60.4205(b) and 60.4202(a)(2).<br>Good combustion practices per the manufacturer's operating manual. | 23.21       | LB/H           |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Generator Engine (P001)                             | 2206       | HP         | Good combustion design                                                                                                                                                                           | 24.71       | LB/H           |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Fire Pump Engine (P002)                             | 700        | HP         | Good combustion design                                                                                                                                                                           | 4.97        | LB/H           |
| 12/18/2017 | TALLADEGA SAWMILL                                 | AL-0318  | 250 Hp Emergency CI, Diesel-fired RICE                               | 0          |            |                                                                                                                                                                                                  | 0           |                |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                        | OH-0376  | Emergency diesel-fired generator (P007)                              | 2682       | HP         | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                                          | 28.2        | LB/H           |
| 3/22/2018  | FLAT ROCK ASSEMBLY PLANT                          | MI-0434  | EUENGINE01 through EUENGINE08                                        | 3633       | BHP        | Good combustion practices.                                                                                                                                                                       | 6.4         | G/KW-H         |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Emergency Diesel Generator (P003)                                    | 1860       | HP         | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                                | 19.68       | LB/H           |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. - ENERGY PLANT  | WI-0284  | Diesel-Fired Emergency Generators                                    | 0          |            | The Use of Ultra-Low Sulfur Fuel and Good Combustion Practices                                                                                                                                   | 5.36        | G/KWH          |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. - ENERGY PLANT  | WI-0286  | P42 - Diesel Fired Emergency Generator                               | 0          |            | Good Combustion Practices, The Use of an Engine Turbocharger and Aftercooler.                                                                                                                    | 5.36        | G/KWH          |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Emergency Diesel GEN                                                 | 500        | H/YR       | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                  | 4.8         | G/HP H         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUENGINE (North Plant): Emergency Engine                             | 1341       | HP         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                            | 6.4         | G/KW-H         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUENGINE (South Plant): Emergency Engine                             | 1341       | HP         | Good combustion practices and meeting NSPS IIII requirements.                                                                                                                                    | 6.4         | G/KW-H         |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUENGINE: Emergency engine                                           | 2          | MW         | State of the art combustion design.                                                                                                                                                              | 6.4         | G/KW-H         |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY               | FL-0367  | 1,500 kW Emergency Diesel Generator                                  | 14.82      | MMBtu/hour | Operate and maintain the engine according to the manufacturer's written instructions                                                                                                             | 6.4         | G/KW-HOUR      |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                    | IL-0129  | Emergency Engines                                                    | 0          |            |                                                                                                                                                                                                  | 0           |                |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Firewater Pumps                                                      | 634        | kW         | Good Combustion and Operating Practices.                                                                                                                                                         | 3.1         | G/HP-H         |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Large Emergency Engines (>50KW)                                      | 5364       | HP         | Good Combustion and Operating Practices                                                                                                                                                          | 5.6         | G/KW-H         |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUEMGD1--A 1500 HP diesel fueled emergency engine                    | 1500       | HP         | Good combustion practices and will be NSPS compliant.                                                                                                                                            | 6.4         | G/KW-H         |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUEMGD2--A 6000 HP diesel fuel fired emergency engine                | 6000       | HP         | Good combustion practices and will be NSPS compliant.                                                                                                                                            | 6.4         | G/KW-H         |
| 12/21/2018 | PTTGCA PETROCHEMICAL COMPLEX                      | OH-0378  | Emergency Diesel-fired Generator Engine (P007)                       | 3353       | HP         | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                         | 37.41       | LB/H           |
| 12/21/2018 | PTTGCA PETROCHEMICAL COMPLEX                      | OH-0378  | 1,000 kW Emergency Generators (P008 - P010)                          | 1341       | HP         | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                         | 14.96       | LB/H           |
| 12/31/2018 | JACKSON ENERGY CENTER                             | IL-0130  | Emergency Engine                                                     | 1500       | kW         |                                                                                                                                                                                                  | 6.4         | G/KW-HR        |
| 2/6/2019   | PETMIN USA INCORPORATED                           | OH-0379  | Emergency Generators (P005 and P006)                                 | 3131       | HP         | Tier IV engine<br>Tier IV NSPS standards certified by engine manufacturer.                                                                                                                       | 3.45        | LB/H           |
| 4/25/2019  | BIG LAKE FUELS METHANOL PLANT                     | LA-0382  | Emergency Engines (EQT0014 - EQT0017)                                | 0          |            | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                  | 0           |                |
| 6/9/2019   | BIG RIVER STEEL LLC                               | AR-0163  | Emergency Engines                                                    | 0          |            | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                          | 4.86        | G/KW-HR        |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency generator EU-6006                                          | 2800       | HP         | Tier II diesel engine                                                                                                                                                                            | 6.4         | G/KWH          |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency fire pump EU-6008                                          | 750        | HP         | Engine that complies with Table 4 to Subpart IIII of Part 60                                                                                                                                     | 4           | G/KWH          |

**RBLC Entries for Nitrogen Oxides Control from Emergency Engines**

| Date       | Facility Name                             | RBLC ID  | PROCESS NAME                                              | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                                                                                     | Limit No. 1 | Unit      |
|------------|-------------------------------------------|----------|-----------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 6/24/2019  | CHICKAHOMINY POWER LLC                    | VA-0332  | Emergency Diesel Generator - 300 kW                       | 500        | H/YR       | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                           | 4.8         | G/HP-H    |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC               | MI-0442  | FGEMENGINE                                                | 1100       | KW         |                                                                                                                                                                                                                                                    | 5.3         | G/HP-H    |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                  | AR-0161  | Emergency Engines                                         | 0          |            | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.4         | G/KW-H    |
| 11/26/2019 | INDECK NILES, LLC                         | *MI-0445 | EUENGINE (diesel fuel emergency engine)                   | 22.68      | MMBTU/H    | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                               | 6.4         | G/KW-H    |
| 1/6/2020   | FG LA COMPLEX                             | LA-0364  | Emergency Generator Diesel Engines                        | 550        | hp         | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |           |
| 1/6/2020   | FG LA COMPLEX                             | LA-0364  | Emergency Fire Water Pumps                                | 550        | hp         | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |           |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT           | TX-0876  | Emergency generator                                       | 0          |            | Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                        | 0           |           |
| 2/19/2020  | MOTIVA PORT ARTHUR TERMINAL               | TX-0879  | Emergency Firewater Engine                                | 0          |            | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs/yr of non-emergency operation. Have a non-resettable runtime meter.                       | 0           |           |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                 | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES            | 0          |            | well-designed and properly maintained engines and each limited to 100 hours per year of non-emergency use.                                                                                                                                         | 0           |           |
| 7/17/2020  | PETMIN USA INCORPORATED                   | OH-0383  | Diesel-fired emergency fire pumps (2) (P009 and P010)     | 3131       | HP         | Tier IV NSPS standards certified by engine manufacturer.                                                                                                                                                                                           | 0           |           |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-02 - North Water System Emergency Generator         | 2922       | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 4.77        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-03 - South Water System Emergency Generator         | 2922       | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 4.77        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-04 - Emergency Fire Water Pump                      | 920        | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 4.77        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator       | 700        | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 4.77        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-01 - Caster Emergency Generator                     | 2922       | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 4.77        | G/HP-HR   |
| 8/13/2020  | GAS TREATMENT PLANT                       | AK-0085  | One (1) Black Start Generator Engine                      | 186.6      | gph        | Good combustion practices, limit operation to 500 hours per year.                                                                                                                                                                                  | 3.3         | G/HP-HR   |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER               | WI-0300  | Emergency Diesel Generator (P07)                          | 1490       | HP         | Operation limited to 500 hours/year and operate and maintain according to the manufacturer's recommendations.                                                                                                                                      | 4.8         | G/HP-H    |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL          | LA-0383  | Emergency Engines (EQT0011 - EQT0016)                     | 0          |            | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                 | 0           |           |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX | TX-0904  | EMERGENCY GENERATOR                                       | 0          |            | 100 HOURS OPERATIONS, Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101                                                                                                                                                            | 0           |           |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY | TX-0905  | EMERGENCY GENERATOR                                       | 0          |            | limited to 100 hours per year of non-emergency operation                                                                                                                                                                                           | 0           |           |
| 11/9/2020  | PLANT BARRY                               | AL-0328  | Diesel Emergency Engines                                  | 0          |            |                                                                                                                                                                                                                                                    | 3           | GR/BHP-HR |
| 12/18/2020 | GRAYLING PARTICLEBOARD                    | MI-0448  | Emergency diesel generator engine (EUEMRGRICE1 in FGRICE) | 500        | h/yr       | Certified engines, limited operating hours                                                                                                                                                                                                         | 21.2        | LB/H      |
| 12/18/2020 | GRAYLING PARTICLEBOARD                    | MI-0448  | Emergency diesel generator engine (EUEMRGRICE2 in FGRICE) | 500        | h/yr       | Certified Engines, Limited Operating Hours                                                                                                                                                                                                         | 4.4         | LB/H      |
| 12/18/2020 | GRAYLING PARTICLEBOARD                    | MI-0448  | Diesel fire pump engine (EUFIREFUMP in FGRICE)            | 500        | h/yr       | Certified Engines, Limited Operating Hours                                                                                                                                                                                                         | 3.53        | LB/H      |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                 | KY-0115  | New Pumphouse (XB13) Emergency Generator #1 (EP 08-05)    | 2922       | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                                   | 0           |           |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                 | KY-0115  | Tunnel Furnace Emergency Generator (EP 08-06)             | 2937       | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                                   | 0           |           |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                 | KY-0115  | Caster B Emergency Generator (EP 08-07)                   | 2937       | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                                   | 0           |           |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                 | KY-0115  | Air Separation Unit Emergency Generator (EP 08-08)        | 700        | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                                   | 0           |           |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY       | FL-0371  | 1,500 kW Emergency Diesel Generator                       | 14.82      | MMBtu/hour |                                                                                                                                                                                                                                                    | 6.4         | G/KW-HOUR |
| 11/17/2021 | NACERO PENWELL FACILITY                   | TX-0933  | Emergency Generators                                      | 0          |            | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Â§ 1039.101) exhaust emission standards                                                                                                                               | 0           |           |

**RBLC Entries for Nitrogen Oxides Control from Emergency Engines**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                                               | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                          | Limit No. 1 | Unit     |
|------------|-----------------------------------------------------|----------|----------------------------------------------------------------------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 1/5/2022   | MAIDSVILLE                                          | *WV-0033 | Emergency Generator                                                        | 2100       | hp         | Combustion Control (retarded timing and/or lean burn)                                                                                                                                   | 24.6        | LB/HR    |
| 1/5/2022   | MAIDSVILLE                                          | *WV-0033 | Fire Water Pump                                                            | 240        | bhp        | Combustion control (retarded timing and/or lean burn)                                                                                                                                   | 1.59        | LB/HR    |
| 5/6/2022   | MIDWEST FERTILIZER COMPANY LLC                      | IN-0324  | emergency generator EU 014a                                                | 3600       | HP         |                                                                                                                                                                                         | 4.42        | G/HP-HR  |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1            | LA-0391  | Emergency Diesel Generator Engine                                          | 2937       | hp         | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and use of ultra-low sulfur diesel fuel.                                                                             | 4.8         | G/HP-HR  |
| 6/23/2022  | MEC NORTH, LLC                                      | MI-0451  | EUENGINE (North Plant): Emergency engine                                   | 1341       | HP         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                   | 6.4         | G/KW-H   |
| 6/23/2022  | MEC SOUTH, LLC                                      | MI-0452  | EUENGINE (South Plant): Emergency engine                                   | 1341       | HP         | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                    | 6.4         | G/KW-H   |
| 7/7/2022   | LIQUEFACTION PLANT                                  | AK-0088  | Diesel Fire Pump Engine                                                    | 27.9       | Gal/hr     | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                    | 3.6         | G/HP-HR  |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                          | IL-0133  | Emergency Engines                                                          | 1250       | kW         |                                                                                                                                                                                         | 6.4         | GRAMS    |
| 9/20/2022  | INTEL OHIO SITE                                     | OH-0387  | 5,051 bhp (3,768 kWm) Diesel-Fired Emergency Generators: P001 through P046 | 5051       | HP         | Certified to meet Tier 2 standards and good combustion practices                                                                                                                        | 6.4         | G/KW-H   |
| 11/21/2022 | NUCOR STEEL ARKANSAS                                | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator                          | 3634       | Horsepower |                                                                                                                                                                                         | 5.6         | G/KW-HR  |
| 11/21/2022 | NORFOLK CRUSH, LLC                                  | NE-0064  | Emergency Fire Water Pump Engine 1                                         | 510        | hp         |                                                                                                                                                                                         | 2.38        | G/HP-HR  |
| 12/20/2022 | LBWL-ERICKSON STATION                               | MI-0454  | EUEMGD                                                                     | 4474.2     | KW         | Good combustion practices and will be NSPS compliant.                                                                                                                                   | 6.4         | G/KW-H   |
| 3/14/2023  | INEOS OLIGOMERS CHOCOLATE BAYOU                     | TX-0955  | Engine Emergency Generator                                                 | 0          |            | TIER III ENGINE, OPERATIONS LIMITED TO 100 HRS/YR                                                                                                                                       | 3.9         | G/HP HR  |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Firewater Pump Engine (EQT0017 - EQT0020)                                  | 0          |            | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 5.53        | G/KW-HR  |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Generator Engines (EQT0016)                                                | 4290       | kw         | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 8.46        | G/KW-HR  |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN1)                                              | 3000       | Horsepower | certified engine                                                                                                                                                                        | 4.8         | G/HP-HR  |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Generators                                                       | 0          |            | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                 | 3.9         | G/BHP-HR |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency generator                                                        | 2012       | hp         |                                                                                                                                                                                         | 4.8         | G/HP-HR  |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency fire pump                                                        | 420        | brake hp   |                                                                                                                                                                                         | 4           | G/KW-HR  |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                         | *WI-0326 | Emergency Generator                                                        | 1490       | HP         | Good combustion practices and combusting clean fuels                                                                                                                                    | 4.8         | G/HP-HR  |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 06-22 - AO-5 Emergency Generator                                           | 670.5      | horsepower | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                  | 4.24        | LB/HR    |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 53-22 - PAO Emergency Generator                                            | 670.5      | horsepower | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                     | 4.24        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | EGEN - Plant Emergency Generator                                           | 3634       | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 38.24       | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 01 - Generac SD 2000                                                | 2923       | horsepower | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 28.48       | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 02 - Generac SD 2000                                                | 2923       | horsepower | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 28.48       | LB/HR    |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Emergency Generator Engine                                                 | 3985       | hp         |                                                                                                                                                                                         | 6.4         | G/KW-HR  |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Emergency Generator (400 kW)                                               | 619        | HP         | Good Combustion Practices and meeting NSPS Subpart IIII requirements.                                                                                                                   | 2.29        | G/HP-HR  |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Emergency Generator (1000 kW)                                              | 1000       | kW         | Good Combustion Practices and meeting NSPS Subpart IIII requirements.                                                                                                                   | 3.81        | G/HP-HR  |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Emergency Generator (2000 kW)                                              | 2000       | kW         | Good Combustion Practices and meeting NSPS Subpart IIII requirements.                                                                                                                   | 3.81        | G/HP-HR  |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Ammonia Plant Emergency Generator                                          | 500        | kW         | Good Combustion Practices and meeting NSPS Subpart IIII requirements.                                                                                                                   | 4.8         | G/HP-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUEMGEN                                                                    | 762        | bhp        |                                                                                                                                                                                         | 6.4         | G/KW-H   |
| 7/24/2024  | MCA GEIMAR SITE                                     | *LA-0406 | Diesel Emergency Generator (EQT0012)                                       | 1140       | hp         | Proper equipment design and good combustion practices.<br>Use ultra-low sulfur diesel as fuel.<br>Low emission combustion.<br>Compliance with 40 CFR 60 Subpart IIII.                   | 4.8         | G/HP-HR  |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 2 (EQUI 26)                                            | 1049       | horsepower | Emergency classification, hourly restriction, and NSPS compliance                                                                                                                       | 4.8         | G/HP-HR  |

**RBLC Entries for Nitrogen Oxides Control from Emergency Engines**

| Date       | Facility Name                 | RBLC ID  | PROCESS NAME                              | THROUGHPUT | THROUGHPUT | Control Method                                                    | Limit No. 1 | Unit    |
|------------|-------------------------------|----------|-------------------------------------------|------------|------------|-------------------------------------------------------------------|-------------|---------|
| 8/7/2024   | BLUE LAKE                     | MN-0095  | Emergency Generator 3 (EQUI 27)           | 1049       | horsepower | Emergency classification, hourly restriction, and NSPS compliance | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                     | MN-0095  | Emergency Generator 4 (EQUI 28)           | 1049       | horsepower | Emergency classification, hourly restriction, and NSPS compliance | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                     | MN-0095  | Emergency Generator 5 (EQUI 43)           | 772        | horsepower | Emergency classification, hourly restriction, and NSPS compliance | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                     | MN-0095  | Emergency Generator 6 (EQUI 43)           | 772        | horsepower | Emergency classification, hourly restriction, and NSPS compliance | 4.8         | G/HP-HR |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4C-6A - C/A Emergency Generator A         | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 18.41       | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4C-6B - C/A Emergency Generator B         | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 18.41       | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4C-6C - C/A Emergency Generator C         | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 18.41       | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-7A - Fire Water Pump A                 | 552        | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 2.71        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-7B - Fire Water Pump B                 | 552        | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 2.71        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-7C - Fire Water Pump C                 | 552        | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 2.71        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-10 - Utility Emergency Generator       | 2012       | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 15.79       | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-12 - VCM/CA/UT CCR Emergency Generator | 760        | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 5.97        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4M-11A - VCM Emergency Generator A        | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 18.41       | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4M-11B - VCM Emergency Generator B        | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                            | 18.41       | LB/HR   |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC | IN-0384  | Black Start Emergency Generators          | 3000       | kWe, each  | GOOD COMBUSTION PRACTICES AND LOW SULFUR FUELS                    | 4.56        | G       |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC | IN-0384  | plant emergency generator                 | 1500       | kWe        | good combustion practices and low sulfur fuel                     | 4.56        | G       |



**RBLC Entries for Carbon Monoxide Control from Emergency Engines**

| Date       | Facility Name                              | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit No. 1 | Unit                  |
|------------|--------------------------------------------|----------|----------------------------------------------------------------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Emergency Camp Generators                                            | 2695       | hp         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.6         | GRAMS/HP-H            |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Fine Water Pumps                                                     | 610        | hp         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.6         | GRAMS/HP-H            |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Bulk Tank Generator Engines                                          | 891        | hp         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.6         | GRAMS/HP-H            |
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY      | TX-0728  | Emergency Diesel Generator                                           | 1500       | hp         | Minimized hours of operations Tier II engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.0128      | G/HP HR               |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY               | LA-0309  | Emergency Generator Engines                                          | 2922       | hp (each)  | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC       | OH-0366  | Emergency generator (P003)                                           | 2346       | HP         | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13.5        | LB/H                  |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT             | PA-0311  | Fire Pump Engine                                                     | 0          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1           | G/HP-HR               |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP               | PA-0309  | 2000 kW Emergency Generator                                          | 0          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.6         | GM/HP-HR              |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER               | NY-0103  | Black start generator                                                | 3000       | KW         | Compliance demonstrated with vendor emission certification and adherence to vendor-specified maintenance recommendations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.6         | G/BHP-H               |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER             | FL-0356  | Three 3300-kW ULSD emergency generators                              | 0          |            | Use of clean engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.5         | G / KW-HR             |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION | NJ-0084  | Diesel Fired Emergency Generator                                     | 44         | H/YR       | use of ultra low sulfur diesel oil a clean burning fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3.5         | LB/H                  |
| 3/21/2016  | MAGNOLIA LNG FACILITY                      | LA-0307  | Diesel Engines                                                       | 0          |            | good combustion practices, Use ultra low sulfur diesel, and comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0           |                       |
| 6/8/2016   | BEAUMONT TERMINAL                          | TX-0799  | Fire pump engines                                                    | 0          |            | Equipment specifications and good combustion practices. Operation limited to 100 hours per year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.0055      | LB/HP-HR              |
| 6/17/2016  | GREENSVILLE POWER STATION                  | VA-0325  | DIESEL-FIRED EMERGENCY GENERATOR 3000 kW (1)                         | 0          |            | Good Combustion Practices/Maintenance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW                  |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY             | LA-0305  | Diesel Engines (Emergency)                                           | 4023       | hp         | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421  | Emergency Diesel Generator Engine (EUEMRGRICE in FGRICE)             | 500        | H/YR       | Good design and combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW-H                |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421  | Dieself fire pump engine (EUFIREPUMP in FGRICE)                      | 500        | H/YR       | Good design and combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW-H                |
| 8/31/2016  | ST. CHARLES POWER STATION                  | LA-0313  | SCPS Emergency Diesel Generator 1                                    | 2584       | HP         | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14.81       | LB/H                  |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                 | PA-0310  | Emergency Generator Engines                                          | 0          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.61        | G/BHP-HR              |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                     | OH-0367  | Emergency generator (P003)                                           | 2947       | HP         | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16.96       | LB/H                  |
| 10/24/2016 | FRITZ WINTER NORTH AMERICA, LP             | KY-0109  | Emergency Generators #1, #2, & #3 (EU72, EU73, & #4 EU74)            | 53.6       | gal/hr     | The permittee shall prepare and maintain for EU72, EU73, and EU74, within 90 days of startup, a good combustion and operation practices plan (GCOP) that defines, measures and verifies the use of operational and design practices determined as BACT for minimizing CO, VOC, PM, PM10, and PM2.5 emissions. Any revisions requested by the Division shall be made and the plan shall be maintained on site. The permittee shall operate according to the provisions of this plan at all times, including periods of startup, shutdown, and malfunction. The plan shall be incorporated into the plant standard operating procedures (SOP) and shall be made available for the Division's inspection. The plan shall include, but not be limited to:<br>i. A list of combustion optimization practices and a means of verifying the practices have occurred.<br>ii. A list of combustion and operation practices to be used to lower energy consumption and a means of verifying the practices have occurred.<br>iii. A list of the design choices determined to be BACT and verification that designs were implemented in the final construction. | 2.6         | G/HP-HR (EU72 & EU73) |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317  | Emergency Generator Engines (4 units)                                | 0          |            | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                       |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317  | Firewater pump Engines (4 units)                                     | 896        | hp (each)  | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                       |
| 1/4/2017   | INDECK NILES, LLC                          | MI-0423  | EUEMENGINE (Diesel fuel emergency engine)                            | 22.68      | MMBTU/H    | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW-H                |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323  | Fire Water Diesel Pump No. 3 Engine                                  | 600        | hp         | Proper operation and limits on hours operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0           |                       |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323  | Fire Water Diesel Pump No. 4 Engine                                  | 600        | hp         | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |                       |
| 2/17/2017  | CAMERON LNG FACILITY                       | LA-0316  | emergency generator engines (6 units)                                | 3353       | hp         | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 3/23/2017  | MIDWEST FERTILIZER COMPANY LLC             | IN-0263  | EMERGENCY GENERATORS (EU014A AND EU-014B)                            | 3600       | HP EACH    | GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.61        | G/HP-H EACH           |
| 4/19/2017  | PALLAS NITROGEN LLC                        | OH-0368  | Emergency Generator (P009)                                           | 5000       | HP         | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28.8        | LB/H                  |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUEMRGRICE1 in FGRICE (Emergency diesel generator engine)            | 500        | H/YR       | Good design and combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW-H                |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUEMRGRICE2 in FGRICE (Emergency Diesel Generator Engine)            | 500        | H/YR       | Good design and combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW-H                |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUFIREPUMP in FGRICE (Diesel fire pump engine)                       | 500        | H/YR       | Good design and combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.5         | G/KW-H                |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                  | MA-0043  | Cold Start Engine                                                    | 19.04      | MMBTU/HR   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.2         | LB/HR                 |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Black Start and Emergency Internal Combustion Engines                | 1500       | kWe        | Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.38        | G/KW-HR               |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBTU/hr   | Oxidation Catalyst and Maintain Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.18        | G/KW-HR (ULSD)        |
| 6/30/2017  | ST. JAMES METHANOL PLANT                   | *LA-0312 | DFP1-13 - Diesel Fire Pump Engine (EQT0013)                          | 650        | horsepower | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.9         | LB/HR                 |
| 6/30/2017  | ST. JAMES METHANOL PLANT                   | *LA-0312 | DEG1-13 - Diesel Fired Emergency Generator Engine (EQT0012)          | 1474       | horsepower | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.51        | LB/HR                 |
| 7/27/2017  | FIRST QUALITY TISSUE LOCK HAVEN PLT        | *PA-0313 | Emergency Generator                                                  | 2500       | bhp        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.5         | G                     |
| 9/7/2017   | TRUMBULL ENERGY CENTER                     | OH-0370  | Emergency generator (P003)                                           | 1529       | HP         | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8.8         | LB/H                  |
| 9/27/2017  | OREGON ENERGY CENTER                       | OH-0372  | Emergency generator (P003)                                           | 1529       | HP         | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8.8         | LB/H                  |

**RBLC Entries for Carbon Monoxide Control from Emergency Engines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                          | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                                                                                     | Limit No. 1 | Unit          |
|------------|---------------------------------------------------|----------|-------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374  | Emergency Generators (2 identical, P004 and P005)     | 2206       | HP         | Certified to the meet the emissions standards in 40 CFR 89.112 and 89.113 pursuant to 40 CFR 60.4205(b) and 60.4202(a)(2).<br>Good combustion practices per the manufacturer's operating manual.                                                   | 12.69       | LB/H          |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Generator Engine (P001)              | 2206       | HP         | Good combustion design                                                                                                                                                                                                                             | 12.64       | LB/H          |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Fire Pump Engine (P002)              | 700        | HP         | Good combustion design                                                                                                                                                                                                                             | 4.01        | LB/H          |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                         | FL-0363  | Two 3300 kW emergency generators                      | 0          |            | Certified engine                                                                                                                                                                                                                                   | 3.5         | GRAMS PER KWH |
| 12/18/2017 | TALLADEGA SAWMILL                                 | AL-0318  | 250 Hp Emergency Cl. Diesel-fired RICE                | 0          |            |                                                                                                                                                                                                                                                    | 0           |               |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                        | OH-0376  | Emergency diesel-fired generator (P007)               | 2682       | HP         | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                                                                                            | 15.4        | LB/H          |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0284  | Diesel-Fired Emergency Generators                     | 0          |            | Good Combustion Practices                                                                                                                                                                                                                          | 0.6         | G/KWH         |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0286  | P42 -Diesel Fired Emergency Generator                 | 0          |            | Good Combustion Practices                                                                                                                                                                                                                          | 0.6         | G/KWH         |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Emergency Diesel GEN                                  | 500        | H/YR       | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                                                    | 2.6         | G/HP H        |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                  | MI-0433  | EUENGINE (North Plant): Emergency Engine              | 1341       | HP         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                              | 3.5         | G/KW-H        |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                  | MI-0433  | EUENGINE (South Plant): Emergency Engine              | 1341       | HP         | Good combustion practices and meeting NSPS IIII requirements.                                                                                                                                                                                      | 3.5         | G/KW-H        |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUENGINE: Emergency engine                            | 2          | MW         | State of the art combustion design.                                                                                                                                                                                                                | 3.5         | G/KW-H        |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY               | FL-0367  | 1,500 kW Emergency Diesel Generator                   | 14.82      | MMBTu/hour | Operate and maintain the engine according to the manufacturer's written instructions                                                                                                                                                               | 3.5         | G/KW-HOUR     |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                    | IL-0129  | Emergency Engines                                     | 0          |            |                                                                                                                                                                                                                                                    | 0           |               |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Firewater Pumps                                       | 634        | KW         | Good Combustion and Operating Practices.                                                                                                                                                                                                           | 3.7         | G/HP-H        |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Large Emergency Engines (>50kW)                       | 5364       | HP         | Good Combustion and Operating Practices.                                                                                                                                                                                                           | 3.5         | G/KW-H        |
| 12/21/2018 | LBWL -ERICKSON STATION                            | MI-0441  | EUEMGD1--A 1500 HP diesel fueled emergency engine     | 1500       | HP         | Good combustion practices and will be NSPS compliant.                                                                                                                                                                                              | 3.5         | G/KW-H        |
| 12/21/2018 | LBWL -ERICKSON STATION                            | MI-0441  | EUEMGD2--A 6000 HP diesel fuel fired emergency engine | 6000       | HP         | Good combustion practices and will be NSPS compliant.                                                                                                                                                                                              | 3.5         | G/KW-H        |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                       | OH-0378  | Emergency Diesel-fired Generator Engine (P007)        | 3353       | HP         | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 19.25       | LB/H          |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                       | OH-0378  | 1,000 kW Emergency Generators (P008 - P010)           | 1341       | HP         | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 7.7         | LB/H          |
| 12/31/2018 | JACKSON ENERGY CENTER                             | IL-0130  | Emergency Engine                                      | 1500       | KW         |                                                                                                                                                                                                                                                    | 3.5         | G/KW-HR       |
| 4/25/2019  | BIG LAKE FUELS METHANOL PLANT                     | LA-0382  | Emergency Engines (EQT0014 - EQT0017)                 | 0          |            | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                                                                    | 0           |               |
| 6/9/2019   | BIG RIVER STEEL LLC                               | AR-0163  | Emergency Engines                                     | 0          |            | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 3.5         | G/KW-HR       |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency generator EU-6006                           | 2800       | HP         | Tier II diesel engine                                                                                                                                                                                                                              | 3.5         | G/KWH         |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency fire pump EU-6008                           | 750        | HP         | Engine that complies with Table 4 to Subpart IIII of Part 60                                                                                                                                                                                       | 3.5         | G/KWH         |
| 6/24/2019  | CHICKAHOMINY POWER LLC                            | VA-0332  | Emergency Diesel Generator - 300 kW                   | 500        | H/YR       | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                           | 2.6         | G/HP-H        |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                       | MI-0442  | FGENGINE                                              | 1100       | KW         |                                                                                                                                                                                                                                                    | 0.15        | G/HP-H        |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                          | AR-0161  | Emergency Engines                                     | 0          |            | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 3.5         | G/KW-H        |
| 10/31/2019 | CONDENSATE SPLITTER FACILITY                      | TX-0872  | Emergency Generators                                  | 0          |            | Limiting duration and frequency of generator use to 100 hr/yr. Good combustion practices will be used to reduce VOC including maintaining proper air-to-fuel ratio.                                                                                | 0.6         | G/KW HR       |
| 11/26/2019 | INDECK NILES, LLC                                 | *MI-0445 | EUENGINE (diesel fuel emergency engine)               | 22.68      | MMBTU/H    | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                               | 3.5         | G/KW-H        |
| 1/6/2020   | FG LA COMPLEX                                     | LA-0364  | Emergency Generator Diesel Engines                    | 550        | hp         | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |               |
| 1/6/2020   | FG LA COMPLEX                                     | LA-0364  | Emergency Fire Water Pumps                            | 550        | hp         | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |               |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                   | TX-0876  | Emergency generator                                   | 0          |            | Tier 4 exhaust emission standards specified in 40 CFR 88 1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                        | 0           |               |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                         | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES        | 0          |            | well-designed and properly maintained engines and each limited to 100 hours per year of non-emergency use.                                                                                                                                         | 0           |               |
| 7/17/2020  | PETMIN USA INCORPORATED                           | OH-0383  | Diesel-fired emergency fire pumps (2) (P009 and P010) | 3131       | HP         | Tier IV NSPS standards certified by engine manufacturer.                                                                                                                                                                                           | 0           |               |
| 7/17/2020  | PETMIN USA INCORPORATED                           | OH-0383  | Emergency Generators (P005 and P006)                  | 3131       | HP         | Tier IV engine<br>Good combustion practices                                                                                                                                                                                                        | 0           |               |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-02 - North Water System Emergency Generator     | 2922       | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 2.61        | G/HP-HR       |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-03 - South Water System Emergency Generator     | 2922       | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 2.61        | G/HP-HR       |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-04 - Emergency Fire Water Pump                  | 920        | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 2.61        | G/HP-HR       |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator   | 700        | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 2.61        | G/HP-HR       |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-01 - Caster Emergency Generator                 | 2922       | HP         | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 2.61        | G/HP-HR       |
| 8/13/2020  | GAS TREATMENT PLANT                               | AK-0085  | One (1) Black Start Generator Engine                  | 186.6      | gph        | Oxidation Catalyst, Good Combustion Practices, and 500 hour limit per year.                                                                                                                                                                        | 3.3         | G/HP-HR       |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                       | WI-0300  | Emergency Diesel Generator (P07)                      | 1490       | HP         | Operation limited to 500 hours/year, and operate and maintain generator according to the manufacturer's recommendations.                                                                                                                           | 2.6         | G/HP-H        |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL                  | LA-0383  | Emergency Engines (EQT0011 - EQT0016)                 | 0          |            | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                 | 0           |               |

# **RBLC Entries for Carbon Monoxide Control from Emergency Engines**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                                               | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                                         | Limit No. 1 | Unit      |
|------------|-----------------------------------------------------|----------|----------------------------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX           | TX-0904  | EMERGENCY GENERATOR                                                        | 0          |            | 100 HOURS OPERATIONS, Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101                                                                                                | 0           |           |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY           | TX-0905  | EMERGENCY GENERATOR                                                        | 0          |            | limited to 100 hours per year of non-emergency operation                                                                                                                               | 0           |           |
| 11/9/2020  | PLANT BARRY                                         | AL-0328  | Diesel Emergency Engines                                                   | 0          |            |                                                                                                                                                                                        | 2.6         | G/BHP-HR  |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Emergency diesel generator engine (EUEMRGRICE1 in FGRICE)                  | 500        | h/yr       | Good design and combustion practices                                                                                                                                                   | 3.5         | G/KW-H    |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Emergency diesel generator engine (EUEMRGRICE2 in FGRICE)                  | 500        | h/yr       | Good Design and Combustion Practices                                                                                                                                                   | 3.5         | G/KW-H    |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Diesel fire pump engine (EUFIREPUMP in FGRICE)                             | 500        | h/yr       | Good Design and Combustion Practices                                                                                                                                                   | 3.5         | G/KW-H    |
| 1/7/2021   | LBWL-ERICKSON STATION                               | MI-0447  | EUEMGD--emergency engine                                                   | 4474.2     | KW         | Good combustion practices and will be NSPS compliant.                                                                                                                                  | 3.5         | G/KW-H    |
| 3/17/2021  | UNIT 5                                              | TX-0915  | DIESEL GENERATOR                                                           | 0          |            | LIMITED 500 HR/YR OPERATION                                                                                                                                                            | 2.61        | G/HPHR    |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | New Pumphouse (XB13) Emergency Generator #1 (EP 08-05)                     | 2922       | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                       | 0           |           |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Tunnel Furnace Emergency Generator (EP 08-06)                              | 2937       | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                       | 0           |           |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Caster B Emergency Generator (EP 08-07)                                    | 2937       | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                       | 0           |           |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Air Separation Unit Emergency Generator (EP 08-08)                         | 700        | HP         | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                       | 0           |           |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                 | FL-0371  | 1,500 kW Emergency Diesel Generator                                        | 14.82      | MMBtu/hour |                                                                                                                                                                                        | 3.5         | G/KW-HOUR |
| 11/17/2021 | NACERO PENWELL FACILITY                             | TX-0933  | Emergency Generators                                                       | 0          |            | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Â§ 1039.101) exhaust emission standards                                                                   | 0           |           |
| 1/5/2022   | MAIDSVILLE                                          | *WV-0033 | Emergency Generator                                                        | 2100       | hp         | Good Combustion Practices w/ OxCat. Applicant did not justify why an oxcat is infeasible for an emergency engine                                                                       | 1.94        | LB/HR     |
| 1/5/2022   | MAIDSVILLE                                          | *WV-0033 | Fire Water Pump                                                            | 240        | bhp        | Good Combustion Practices w/ OxCat. Applicant did not justify why an oxcat is infeasible for an emergency engine                                                                       | 1.38        | LB/HR     |
| 2/25/2022  | LACC LLC US - ETHYLENE PLANT                        | LA-0388  | Firewater Pump Engine No. 1 and 2                                          | 575        | hp         | Compliance with 40 CFR 60 Subpart III                                                                                                                                                  | 3.97        | LB/HR     |
| 5/6/2022   | MIDWEST FERTILIZER COMPANY LLC                      | IN-0324  | emergency generator EU 014a                                                | 3600       | HP         |                                                                                                                                                                                        | 2.61        | G/HP-HR   |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1            | LA-0391  | Emergency Diesel Generator Engine                                          | 2937       | hp         | Compliance with 40 CFR 60 Subpart III, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                         | 2.6         | G/HP-HR   |
| 6/23/2022  | MEC NORTH, LLC                                      | MI-0451  | EUEMENGINE (North Plant): Emergency engine                                 | 1341       | HP         | Good combustion practices and meeting NSPS III requirements.                                                                                                                           | 3.5         | G/KW-H    |
| 6/23/2022  | MEC SOUTH, LLC                                      | MI-0452  | EUEMENGINE (South Plant): Emergency engine                                 | 1341       | HP         | Good Combustion Practices and meeting NSPS Subpart III requirements                                                                                                                    | 3.5         | G/KW-H    |
| 7/7/2022   | LIQUEFACTION PLANT                                  | AK-0088  | Diesel Fire Pump Engine                                                    | 27.9       | Gal/hr     | Oxidation Catalyst; Limited Operation; 40 CFR 60 Subpart III                                                                                                                           | 3.5         | G/HP-HR   |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                          | IL-0133  | Emergency Engines                                                          | 1250       | KW         |                                                                                                                                                                                        | 3.5         | GRAMS     |
| 9/20/2022  | INTEL OHIO SITE                                     | OH-0387  | 5,051 bhp (3,768 kWm) Diesel-Fired Emergency Generators: P001 through P046 | 5051       | HP         | Certified to meet Tier 2 standards and good combustion practices                                                                                                                       | 3.5         | G/KW-H    |
| 11/21/2022 | NUCOR STEEL ARKANSAS                                | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator                          | 3634       | Horsepower |                                                                                                                                                                                        | 3.5         | G/KW-HR   |
| 12/20/2022 | LBWL-ERICKSON STATION                               | MI-0454  | EUEMGD                                                                     | 4474.2     | KW         | Good combustion practices and will be NSPS compliant.                                                                                                                                  | 3.5         | G/KW-H    |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                | TX-0939  | EMERGENCY GENERATOR                                                        | 18.7       | MMBTU/HR   | GOOD COMBUSTION PRACTICES, LIMITED TO 100 HR/YR                                                                                                                                        | 0.006       | LB/HP HR  |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Firewater Pump Engine (EQT0017 - EQT0020)                                  | 0          |            | Compliance with 40 CFR 60 Subpart III and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.55        | G/KW-HR   |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Generator Engines (EQT0016)                                                | 4290       | kw         | Compliance with 40 CFR 60 Subpart III and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 1.21        | G/KW-HR   |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN1)                                              | 3000       | Horsepower | oxidation catalyst and certified engine                                                                                                                                                | 2.61        | G/HP-HR   |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Generators                                                       | 0          |            | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart III                                                                                                 | 0.9         | G/BHP-HR  |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency generator                                                        | 2012       | hp         |                                                                                                                                                                                        | 2.6         | G/HP-HR   |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency fire pump                                                        | 420        | brake hp   |                                                                                                                                                                                        | 3.5         | G/KW-HR   |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                         | *WI-0326 | Emergency Generator                                                        | 1490       | HP         | Good combustion practices which include operational and design elements.                                                                                                               | 2.6         | G/HP-HR   |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 06-22 - AO-5 Emergency Generator                                           | 670.5      | horsepower | Use of good combustion practices and compliance with NSPS Subpart III                                                                                                                  | 3.81        | LB/HR     |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 53-22 - PAO Emergency Generator                                            | 670.5      | horsepower | Use of good combustion practices, compliance with NSPS Subpart III                                                                                                                     | 3.81        | LB/HR     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | EGEN - Plant Emergency Generator                                           | 3634       | horsepower | Compliance with 40 CFR 60 Subpart III                                                                                                                                                  | 20.91       | LB/HR     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 01 - Generac SD 2000                                                | 2923       | horsepower | Compliance with the requirements of 40 CFR 60 Subpart III                                                                                                                              | 2.9         | LB/HR     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 02 - Generac SD 2000                                                | 2923       | horsepower | Compliance with the requirements of 40 CFR 60 Subpart III                                                                                                                              | 2.9         | LB/HR     |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Emergency Generator Engine                                                 | 3985       | hp         |                                                                                                                                                                                        | 3.5         | G/KW-HR   |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUEMGEN                                                                    | 762        | bhp        | Good combustion practices                                                                                                                                                              | 3.5         | G/KW-H    |
| 7/24/2024  | MCA GEIMAR SITE                                     | *LA-0406 | Diesel Emergency Generator (EQT0012)                                       | 1140       | hp         | Proper equipment design and good combustion practices.<br>Use ultra-low sulfur diesel as fuel.<br>Low emission combustion.<br>Compliance with 40 CFR 60 Subpart III.                   | 2.6         | G/HP-HR   |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 2 (EQUI 26)                                            | 1049       | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                           | 2.6         | G/HP-HR   |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 3 (EQUI 27)                                            | 1049       | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                           | 2.6         | G/HP-HR   |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 4 (EQUI 28)                                            | 1049       | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                           | 2.6         | G/HP-HR   |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 5 (EQUI 43)                                            | 772        | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                           | 2.6         | G/HP-HR   |

**RBLC Entries for Carbon Monoxide Control from Emergency Engines**

| Date       | Facility Name                                         | RBLC ID  | PROCESS NAME                              | THROUGHPUT | THROUGHPUT | Control Method                                                                               | Limit No. 1 | Unit    |
|------------|-------------------------------------------------------|----------|-------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------|-------------|---------|
| 8/7/2024   | BLUE LAKE                                             | MN-0095  | Emergency Generator 6 (EQUI 43)           | 772        | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance | 2.6         | G/HP-HR |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4C-6A - C/A Emergency Generator A         | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII.                                                      | 13.5        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4C-6B - C/A Emergency Generator B         | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 13.5        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4C-6C - C/A Emergency Generator C         | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 13.5        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-7A - Fire Water Pump A                 | 552        | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 2.71        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-7B - Fire Water Pump B                 | 552        | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 3.18        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-7C - Fire Water Pump C                 | 552        | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 3.18        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-10 - Utility Emergency Generator       | 2012       | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 11.57       | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-12 - VCM/CA/UT CCR Emergency Generator | 760        | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 4.37        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11A - VCM Emergency Generator A        | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 13.5        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11B - VCM Emergency Generator B        | 2346       | horsepower | Compliance with 40 CFR 60 Subpart IIII                                                       | 13.5        | LB/HR   |
| 2/14/2025  | DUKE ENERGY INDIANA, INC. - CAYUGA GENERATING STATION | IN-0382  | Emergency Generators                      | 2000       | HP         | good combustion practices                                                                    | 2.61        | G/HP-HR |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                         | IN-0384  | Black Start Emergency Generators          | 3000       | kWe, each  | Good combustion practices, low sulfur fuel, and limited operating hours                      | 2.6         | G       |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                         | IN-0384  | plant emergency generator                 | 1500       | kWe        | Good combustion practices, low sulfur fuel                                                   | 2.6         | G       |

**RBLC Entries for PM<sub>10</sub> Control from Emergency Engines**

| Date       | Facility Name                              | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit No. 1 | Unit                  |
|------------|--------------------------------------------|----------|----------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Emergency Camp Generators                                            | 2895       | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.15        | GRAMS/HP-H            |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Fine Water Pumps                                                     | 610        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.15        | GRAMS/HP-H            |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Bulk Tank Generator Engines                                          | 891        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.15        | GRAMS/HP-H            |
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY      | TX-0728  | Emergency Diesel Generator                                           | 1500       | hp              | Minimized hours of operations Tier II engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.15        | LB/H                  |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY               | LA-0309  | Emergency Generator Engines                                          | 2922       | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.2         | G/KW-HR               |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC       | OH-0366  | Emergency generator (P003)                                           | 2346       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.77        | LB/H                  |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT             | PA-0311  | Fire Pump Engine                                                     | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.2         | G/HP-HR               |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP               | PA-0309  | 2000 kW Emergency Generator                                          | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.025       | GM/HP-HR              |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION | NJ-0084  | Diesel Fired Emergency Generator                                     | 44         | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.26        | LB/H                  |
| 3/21/2016  | MAGNOLIA LNG FACILITY                      | LA-0307  | Diesel Engines                                                       | 0          |                 | good combustion practices, Use ultra low sulfur diesel, and comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0           |                       |
| 4/15/2016  | MERCEDES BENZ VANS, LLC                    | SC-0193  | Emergency Generators and Fire Pump                                   | 1500       | hp              | Must meet the standards of 40 CFR 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100         | HR/YR                 |
| 6/17/2016  | GREENSVILLE POWER STATION                  | VA-0325  | DIESEL-FIRED EMERGENCY GENERATOR 3000 KW (1)                         | 0          |                 | Ultra Low Sulfur Diesel/Fuel (15 ppm max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.4         | G/KW                  |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY             | LA-0305  | Diesel Engines (Emergency)                                           | 4023       | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421  | Emergency Diesel Generator Engine (EUEMGRICE in FGRICE)              | 500        | H/YR            | Certified engines, good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.41        | LB/H                  |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421  | Dieself fire pump engine (EUFIREFUMP in FGRICE)                      | 500        | H/YR            | Certified engines. Good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.18        | LB/H                  |
| 8/31/2016  | ST. CHARLES POWER STATION                  | LA-0313  | SCPS Emergency Diesel Generator 1                                    | 2584       | HP              | Compliance with NESHP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.86        | LB/H                  |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                     | OH-0367  | Emergency generator (P003)                                           | 2947       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.97        | LB/H                  |
| 10/24/2016 | FRITZ WINTER NORTH AMERICA, LP             | KY-0109  | Emergency Generators #1, #2, & #3 (EU72, EU73, & EU74)               | 53.6       | gal/hr          | The permittee shall prepare and maintain for EU72, EU73, and EU74, within 90 days of startup, a good combustion and operation practices plan (GCOP) that defines, measures and verifies the use of operational and design practices determined as BACT for minimizing CO, VOC, PM, PM10, and PM2.5 emissions. Any revisions requested by the Division shall be made and the plan shall be maintained on site. The permittee shall operate according to the provisions of this plan at all times, including periods of startup, shutdown, and malfunction. The plan shall be incorporated into the plant standard operating procedures (SOP) and shall be made available for the Division's inspection. The plan shall include, but not be limited to:<br>i. A list of combustion optimization practices and a means of verifying the practices have occurred.<br>ii. A list of combustion and operation practices to be used to lower energy consumption and a means of verifying the practices have occurred.<br>iii. A list of the design choices determined to be BACT and verification that designs were implemented in the final construction. | 0.149       | G/HP-HR (EU72 & EU73) |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317  | Emergency Generator Engines (4 units)                                | 0          |                 | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                       |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317  | Firewater pump Engines (4 units)                                     | 896        | hp (each)       | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                       |
| 1/4/2017   | INDECK NILES, LLC                          | MI-0423  | EUENGINE (Diesel fuel emergency engine)                              | 22.68      | MMBTU/H         | Good combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.58        | LB/H                  |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323  | Fire Water Diesel Pump No. 3 Engine                                  | 600        | hp              | Proper operation and limits on hours operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0           |                       |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323  | Fire Water Diesel Pump No. 4 Engine                                  | 600        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |                       |
| 2/17/2017  | CAMERON LNG FACILITY                       | LA-0316  | emergency generator engines (6 units)                                | 3353       | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 3/23/2017  | MIDWEST FERTILIZER COMPANY LLC             | IN-0263  | EMERGENCY GENERATORS (EU014A AND EU-014B)                            | 3600       | HP EACH         | GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.15        | G/HP-H EACH           |
| 4/19/2017  | PALLAS NITROGEN LLC                        | OH-0368  | Emergency Generator (P009)                                           | 5000       | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.2         | LB/H                  |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUEMGRICE1 in FGRICE (Emergency diesel generator engine)             | 500        | H/YR            | Certified engines, good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.66        | LB/H                  |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUEMGRICE2 in FGRICE (Emergency Diesel Generator Engine)             | 500        | H/YR            | Certified engines. Good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.22        | LB/H                  |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUFIREFUMP in FGRICE (Diesel fire pump engine)                       | 500        | H/YR            | Certified engines. Good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.18        | LB/H                  |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                  | MA-0043  | Cold Start Engine                                                    | 19.04      | MMBTU/HR        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.4         | LB/HR                 |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Black Start and Emergency Internal Combustion Engines                | 1500       | kWe             | Clean Fuel and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.25        | G/KW-HR               |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBTu/hr        | Clean Fuel and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.29        | G/KW-HR (ULSD)        |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBTu/hr        | Clean Fuel and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.15        | G/KW-HR (ULSD)        |
| 6/30/2017  | ST. JAMES METHANOL PLANT                   | *LA-0312 | DFP1-13 - Diesel Fire Pump Engine (EQT0013)                          | 650        | horsepower      | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.15        | LB/HR                 |
| 6/30/2017  | ST. JAMES METHANOL PLANT                   | *LA-0312 | DEG1-13 - Diesel Fired Emergency Generator Engine (EQT0012)          | 1474       | horsepower      | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.08        | LB/HR                 |
| 9/7/2017   | TRUMBULL ENERGY CENTER                     | OH-0370  | Emergency generator (P003)                                           | 1529       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.5         | LB/H                  |
| 9/15/2017  | INWOOD                                     | WV-0027  | Emergency Generator - ESDG14                                         | 900        | bhp             | ULSD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.2         | G/HP-HR               |
| 9/27/2017  | OREGON ENERGY CENTER                       | OH-0372  | Emergency generator (P003)                                           | 1529       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.5         | LB/H                  |
| 10/23/2017 | GUERNSEY POWER STATION LLC                 | OH-0374  | Emergency Generators (2 Identical, P004 and P005)                    | 2206       | HP              | Certified to the meet the emissions standards in 40 CFR 89.112 and 89.113 pursuant to 40 CFR 60.4205(b) and 60.4202(a)(2).<br>Good combustion practices per the manufacturer's operating manual.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.73        | LB/H                  |

**RBLC Entries for PM<sub>10</sub> Control from Emergency Engines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                          | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                     | Limit No. 1 | Unit        |
|------------|---------------------------------------------------|----------|-------------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Generator Engine (P001)              | 2206       | HP              | Good combustion design                                                                                                                                                                                                                             | 0.73        | LB/H        |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Fire Pump Engine (P002)              | 700        | HP              | Good combustion design                                                                                                                                                                                                                             | 0.23        | LB/H        |
| 12/18/2017 | TALLADEGA SAWMILL                                 | AL-0318  | 250 Hp Emergency CI, Diesel-fired RICE                | 0          |                 |                                                                                                                                                                                                                                                    | 0           |             |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                        | OH-0376  | Emergency diesel-fired generator (P007)               | 2682       | HP              | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                                                                                            | 1.01        | LB/H        |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Emergency Diesel Generator (P003)                     | 1860       | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                                                                                  | 0.62        | LB/H        |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0284  | Diesel-Fired Emergency Generators                     | 0          |                 | The Use of Ultra-Low Sulfur Fuel and Good Combustion Practices                                                                                                                                                                                     | 0.17        | G/KWH       |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0286  | P42 -Diesel Fired Emergency Generator                 | 0          |                 | Good Combustion Practices and The Use of Ultra-low Sulfur Fuel                                                                                                                                                                                     | 0.17        | G/KWH       |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Emergency Diesel GEN                                  | 500        | H/YR            | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                                                    | 0.15        | G/HP H      |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUENGINE (North Plant): Emergency Engine              | 1341       | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                   | 0.54        | LB/H        |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUENGINE (South Plant): Emergency Engine              | 1341       | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                   | 0.54        | LB/H        |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUENGINE: Emergency engine                            | 2          | MW              | State of the art combustion design                                                                                                                                                                                                                 | 1.18        | LB/H        |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Firewater Pumps                                       | 634        | KW              | Good combustion and operating practices.                                                                                                                                                                                                           | 0.3         | G/HP-H      |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Large Emergency Engines (&gt;50KW)                    | 5364       | HP              | Good combustion and operating practices.                                                                                                                                                                                                           | 0.2         | G/KW-H      |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUEMGD1--A 1500 HP diesel fueled emergency engine     | 1500       | HP              | Good combustion practices, burn ultra-low sulfur diesel fuel and be NSPS compliant.                                                                                                                                                                | 0.69        | LB/H        |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUEMGD2--A 6000 HP diesel fuel fired emergency engine | 6000       | HP              | Good combustion practices, burn ultra low sulfur diesel fuel, and be NSPS compliant.                                                                                                                                                               | 2.7         | LB/H        |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                       | OH-0378  | Emergency Diesel-fired Generator Engine (P007)        | 3353       | HP              | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 1.1         | LB/H        |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                       | OH-0378  | 1,000 kW Emergency Generators (P008 - P010)           | 1341       | HP              | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 0.44        | LB/H        |
| 2/6/2019   | PETMIN USA INCORPORATED                           | OH-0379  | Emergency Generators (P005 and P006)                  | 3131       | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                                                                                        | 0.15        | LB/H        |
| 4/25/2019  | BIG LAKE FUELS METHANOL PLANT                     | LA-0382  | Emergency Engines (EQT0014 - EQT0017)                 | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                                                                    | 0           |             |
| 6/9/2019   | BIG RIVER STEEL LLC                               | AR-0163  | Emergency Engines                                     | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.2         | G/KW-HR     |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency generator EU-6006                           | 2800       | HP              | Tier II diesel engine                                                                                                                                                                                                                              | 0.2         | G/KWH       |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency fire pump EU-6008                           | 750        | HP              | Engine that complies with Table 4 to Subpart IIII of Part 60                                                                                                                                                                                       | 0.2         | G/KWH       |
| 6/24/2019  | CHICKAHOMINY POWER LLC                            | VA-0332  | Emergency Diesel Generator - 300 kW                   | 500        | H/YR            | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                           | 0.15        | G/HP-HR     |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                       | MI-0442  | FGENGINE                                              | 1100       | KW              | Good combustion practices and ultra low sulfur diesel                                                                                                                                                                                              | 7.85        | LB/1000 GAL |
| 8/26/2019  | CARDINAL FG COMPANY                               | WI-0294  | P10- Diesel emergency Generator                       | 0          |                 |                                                                                                                                                                                                                                                    | 0.05        | G/BHP-H     |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                          | AR-0161  | Emergency Engines                                     | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.02        | G/KW-H      |
| 11/26/2019 | INDECK NILES, LLC                                 | *MI-0445 | EUENGINE (diesel fuel emergency engine)               | 22.68      | MMBTU/H         | Good combustion practices                                                                                                                                                                                                                          | 1.58        | LB/H        |
| 1/6/2020   | FG LA COMPLEX                                     | LA-0364  | Emergency Generator Diesel Engines                    | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |             |
| 1/6/2020   | FG LA COMPLEX                                     | LA-0364  | Emergency Fire Water Pumps                            | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |             |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                   | TX-0876  | Emergency generator                                   | 0          |                 | Tier 4 exhaust emission standards specified in 40 CFR 63.1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                        | 0           |             |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                         | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES        | 0          |                 | well-designed and properly maintained engines and each limited to 100 hours per year of non-emergency use.                                                                                                                                         | 0           |             |
| 7/17/2020  | PETMIN USA INCORPORATED                           | OH-0383  | Diesel-fired emergency fire pumps (2) (P009 and P010) | 3131       | HP              | Tier IV engine and Good combustion practices                                                                                                                                                                                                       | 0.15        | G/B-HP-H    |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-02 - North Water System Emergency Generator     | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-03 - South Water System Emergency Generator     | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-04 - Emergency Fire Water Pump                  | 920        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator   | 700        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-01 - Caster Emergency Generator                 | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 8/13/2020  | GAS TREATMENT PLANT                               | AK-0085  | One (1) Black Start Generator Engine                  | 186.6      | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year.                                                                                                                                                                        | 0.045       | G/HP-HR     |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                       | WI-0300  | Emergency Diesel Generator (P07)                      | 1490       | HP              | Limited to operate 500 hours/year, sulfur content of the diesel fuel oil fired may not exceed 15 ppm, and operate and maintain according to the manufacturer's recommendations.                                                                    | 0.15        | G/HP-H      |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL                  | LA-0383  | Emergency Engines (EQT0011 - EQT0016)                 | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                 | 0           |             |

# RBLC Entries for PM<sub>10</sub> Control from Emergency Engines

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                          | Limit No. 1 | Unit        |
|------------|-----------------------------------------------------|----------|----------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX           | TX-0904  | EMERGENCY GENERATOR                                                        | 0          |                 | 100 HOURS OPERATIONS, Tier 4 exhaust emission standards specified in 40 CFR Ås 1039.101                                                                                                 | 0           |             |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY           | TX-0905  | EMERGENCY GENERATOR                                                        | 0          |                 | limited to 100 hours per year of non-emergency operation                                                                                                                                | 0           |             |
| 12/9/2020  | NORFOLK NAVAL SHIPYARD                              | VA-0333  | One (1) emergency engine generator                                         | 2220       | HP              |                                                                                                                                                                                         | 1.1         | LB          |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Emergency diesel generator engine (EUEMRGRICE1 in FGRICE)                  | 500        | h/yr            | Certified Engines, Good Design, Operation, and Combustion Practices, Operational Restrictions/Limited Use                                                                               | 0.66        | LB/H        |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Emergency diesel generator engine (EUEMRGRICE2 in FGRICE)                  | 500        | h/yr            | Certified Engines, Good Design, Operation, and Combustion Practices, Operational Restrictions/Limited Use                                                                               | 0.22        | LB/H        |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Diesel fire pump engine (EUFIREPUMP in FGRICE)                             | 500        | h/yr            | Certified Engines, Good Design, Operation, and Combustion Practices, Operational Restrictions/Limited Use                                                                               | 0.18        | LB/H        |
| 1/7/2021   | LBWL--ERICKSON STATION                              | MI-0447  | EUEMGD--emergency engine                                                   | 4474.2     | KW              | Good combustion practices, burn ultra-low diesel fuel and be NSPS compliant.                                                                                                            | 1           | LB/H        |
| 3/17/2021  | UNIT 5                                              | TX-0915  | DIESEL GENERATOR                                                           | 0          |                 | LIMITED 500 HR/YR OPERATION                                                                                                                                                             | 0.022       | G/HPHR      |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | New Pumphouse (XB13) Emergency Generator #1 (EP 08-05)                     | 2922       | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR     |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Tunnel Furnace Emergency Generator (EP 08-06)                              | 2937       | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR     |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Caster B Emergency Generator (EP 08-07)                                    | 2937       | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR     |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Air Separation Unit Emergency Generator (EP 08-08)                         | 700        | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR     |
| 11/17/2021 | NACERO PENWELL FACILITY                             | TX-0933  | Emergency Generators                                                       | 0          |                 | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Ås 1039.101) exhaust emission standards                                                                    | 0           |             |
| 2/25/2022  | LACC LLC US - ETHYLENE PLANT                        | LA-0388  | Firewater Pump Engine No. 1 and 2                                          | 575        | hp              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.23        | LB/HR       |
| 5/6/2022   | MIDWEST FERTILIZER COMPANY LLC                      | IN-0324  | emergency generator EU 014a                                                | 3600       | HP              |                                                                                                                                                                                         | 0.15        | G/HP-HR     |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1            | LA-0391  | Emergency Diesel Generator Engine                                          | 2937       | hp              | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and use of ultra-low sulfur diesel fuel.                                                                             | 0.15        | G/HP-HR     |
| 6/23/2022  | MEC NORTH, LLC                                      | MI-0451  | EUEMENGINE (North Plant): Emergency engine                                 | 1341       | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                        | 0.54        | LB/H        |
| 6/23/2022  | MEC SOUTH, LLC                                      | MI-0452  | EUEMENGINE (South Plant): Emergency engine                                 | 1341       | HP              | Diesel particulate filter, Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                         | 0.54        | LB/H        |
| 7/7/2022   | LIQUEFACTION PLANT                                  | AK-0088  | Diesel Fire Pump Engine                                                    | 27.9       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                    | 0.19        | G/HP-HR     |
| 9/20/2022  | INTEL OHIO SITE                                     | OH-0387  | 5,051 bhp (3,768 kWm) Diesel-Fired Emergency Generators: P001 through P046 | 5051       | HP              | Certified to meet Tier 2 standards and good combustion practices                                                                                                                        | 0.07        | LB/H        |
| 11/21/2022 | NUCOR STEEL ARKANSAS                                | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator                          | 3634       | Horsepower      |                                                                                                                                                                                         | 0.2         | G/KW-HR     |
| 12/20/2022 | LBWL-ERICKSON STATION                               | MI-0454  | EUEMGD                                                                     | 4474.2     | KW              | Good combustion practices, burn ultra-low diesel fuel, and be NSPS compliant.                                                                                                           | 1           | LB/H        |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                | TX-0939  | EMERGENCY GENERATOR                                                        | 18.7       | MMBTU/HR        | GOOD COMBUSTION PRACTICES, LIMITED TO 100 HR/YR                                                                                                                                         | 0.0003      | LB/HP HR    |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Firewater Pump Engine (EQT0017 - EQT0020)                                  | 0          |                 | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.125       | G/KW-HR     |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Generator Engines (EQT0016)                                                | 4290       | kw              | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.067       | G/KW-HR     |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN1)                                              | 3000       | Horsepower      | certified engine                                                                                                                                                                        | 0.15        | G/HP-H      |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Generators                                                       | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                 | 0.1         | G/BHP-HR    |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency generator                                                        | 2012       | hp              |                                                                                                                                                                                         | 0.15        | G PER HP-HR |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency fire pump                                                        | 420        | brake hp        |                                                                                                                                                                                         | 0.2         | G/KW-HR)    |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 06-22 - AO-5 Emergency Generator                                           | 670.5      | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                  | 0.22        | LB/HR       |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 53-22 - PAO Emergency Generator                                            | 670.5      | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII, and limiting non-emergency operation to no more than 100 hours per year                                            | 0.22        | LB/HR       |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | EGEN - Plant Emergency Generator                                           | 3634       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 1.19        | LB/HR       |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 01 - Generac SD 2000                                                | 2923       | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 0.84        | LB/HR       |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 02 - Generac SD 2000                                                | 2923       | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 0.84        | LB/HR       |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Emergency Generator Engine                                                 | 3985       | hp              |                                                                                                                                                                                         | 0.2         | G/KW-HR     |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUEMGEN                                                                    | 762        | bhp             | Good combustion practices; use of ULSD.                                                                                                                                                 | 0.3         | LB/H        |
| 7/24/2024  | MCA GEIMAR SITE                                     | *LA-0406 | Diesel Emergency Generator (EQT0012)                                       | 1140       | hp              | Proper equipment design and good combustion practices. Use ultra-low sulfur diesel as fuel. Compliance with 40 CFR 60 Subpart IIII.                                                     | 0.15        | G/HP-HR     |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 2 (EQUI 26)                                            | 1049       | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR     |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 3 (EQUI 27)                                            | 1049       | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR     |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 4 (EQUI 28)                                            | 1049       | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR     |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 5 (EQUI 43)                                            | 772        | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR     |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 6 (EQUI 43)                                            | 772        | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR     |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4C-6A - C/A Emergency Generator A                                          | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.77        | LB/HR       |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4C-6B - C/A Emergency Generator B                                          | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.77        | LB/HR       |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4C-6C - C/A Emergency Generator C                                          | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.77        | LB/HR       |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-7A - Fire Water Pump A                                                  | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.18        | LB/HR       |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-7B - Fire Water Pump B                                                  | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.18        | LB/HR       |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-7C - Fire Water Pump C                                                  | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.18        | LB/HR       |

**RBLC Entries for PM<sub>10</sub> Control from Emergency Engines**

| Date       | Facility Name                 | RBLC ID  | PROCESS NAME                              | THROUGHPUT | THROUGHPUT UNIT | Control Method                             | Limit No. 1 | Unit  |
|------------|-------------------------------|----------|-------------------------------------------|------------|-----------------|--------------------------------------------|-------------|-------|
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-10 - Utility Emergency Generator       | 2912       | horsepower      | Compliance with 40 CFR 60 Subpart IIII     | 0.66        | LB/HR |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4U-12 - VCM/CA/UT CCR Emergency Generator | 760        | horsepower      | Compliance with 40 CFR 60 Subpart IIII     | 0.25        | LB/HR |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4M-11A - VCM Emergency Generator A        | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII     | 0.77        | LB/HR |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4   | *LA-0403 | 4M-11B - VCM Emergency Generator B        | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII     | 0.77        | LB/HR |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC | IN-0384  | Black Start Emergency Generators          | 3000       | kWe, each       | Good combustion practices, low sulfur fuel | 0.17        | G     |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC | IN-0384  | plant emergency generator                 | 1500       | kWe             | Good combustion practices, low sulfur fuel | 0.07        | G     |



**RBLC Entries for PM<sub>2.5</sub> Control from Emergency Engines**

| Date       | Facility Name                              | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit No. 1 | Unit                  |
|------------|--------------------------------------------|----------|----------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Emergency Camp Generators                                            | 2695       | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0.15 GRAMS/HP-H       |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Fine Water Pumps                                                     | 610        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0.15 GRAMS/HP-H       |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY          | AK-0082  | Bulk Tank Generator Engines                                          | 891        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0.15 GRAMS/HP-H       |
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY      | TX-0728  | Emergency Diesel Generator                                           | 1500       | hp              | Minimized hours of operations Tier II engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 0.15 LB/H             |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY               | LA-0309  | Emergency Generator Engines                                          | 2922       | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | 0.2 G/KW-HR           |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC       | OH-0366  | Emergency generator (P003)                                           | 2346       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             | 0.77 LB/H             |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT             | PA-0311  | Fire Pump Engine                                                     | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 2 HP-HR               |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP               | PA-0309  | 2000 kW Emergency Generator                                          | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0.025 GM/HP-HR        |
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                | LA-0292  | Emergency Generators No. 1 &amp; No. 2                               | 1341       | HP              | Use of a certified engine, low sulfur diesel, and limiting non-emergency use to no more than 100 hours per year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0.44 LB/HR            |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION | NJ-0084  | Diesel Fired Emergency Generator                                     | 44         | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | 0.26 LB/H             |
| 3/21/2016  | MAGNOLIA LNG FACILITY                      | LA-0307  | Diesel Engines                                                       | 0          |                 | good combustion practices, Use ultra low sulfur diesel, and comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | 0                     |
| 4/15/2016  | MERCEDES BENZ VANS, LLC                    | SC-0193  | Emergency Generators and Fire Pump                                   | 1500       | hp              | Meet the standards of 40 CFR 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | 100 HR/YR             |
| 6/17/2016  | GREENSVILLE POWER STATION                  | VA-0325  | DIESEL-FIRED EMERGENCY GENERATOR 3000 kW (1)                         | 0          |                 | Ultra Low Sulfur Diesel/Fuel (15 ppm max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.4 G/KR              |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY             | LA-0305  | Diesel Engines (Emergency)                                           | 4023       | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | 0                     |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421  | Emergency Diesel Generator Engine (EUEMRGRICE in FGRICE)             | 500        | H/YR            | Certified engines, good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 1.41 LB/H             |
| 8/26/2016  | GRAYLING PARTICLEBOARD                     | MI-0421  | Dieself fire pump engine (EUFIREPUMP in FGRICE)                      | 500        | H/YR            | Certified engines. Good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.18 LB/H             |
| 8/31/2016  | ST. CHARLES POWER STATION                  | LA-0313  | SCPS Emergency Diesel Generator 1                                    | 2584       | HP              | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | 0.86 LB/H             |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                     | OH-0367  | Emergency generator (P003)                                           | 2947       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             | 0.97 LB/H             |
| 10/24/2016 | FRITZ WINTER NORTH AMERICA, LP             | KY-0109  | Emergency Generators #1, #2, & #3 (EU72, EU73, & EU74)               | 53.6       | gal/hr          | The permittee shall prepare and maintain for EU72, EU73, and EU74, within 90 days of startup, a good combustion and operation practices plan (GCOP) that defines, measures and verifies the use of operational and design practices determined as BACT for minimizing CO, VOC, PM, PM10, and PM2.5 emissions. Any revisions requested by the Division shall be made and the plan shall be maintained on site. The permittee shall operate according to the provisions of this plan at all times, including periods of startup, shutdown, and malfunction. The plan shall be incorporated into the plant standard operating procedures (SOP) and shall be made available for the Division's inspection. The plan shall include, but not be limited to:<br>i. A list of combustion optimization practices and a means of verifying the practices have occurred.<br>ii. A list of combustion and operation practices to be used to lower energy consumption and a means of verifying the practices have occurred.<br>iii. A list of the design choices determined to be BACT and verification that designs were implemented in the final construction. | 0.149       | G/HP-HR (EU72 & EU73) |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317  | Emergency Generator Engines (4 units)                                | 0          |                 | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | 0                     |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT          | LA-0317  | Firewater pump Engines (4 units)                                     | 896        | hp (each)       | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | 0                     |
| 1/4/2017   | INDECK NILES, LLC                          | MI-0423  | EUEMENGINE (Diesel fuel emergency engine)                            | 22.68      | MMBTU/H         | Good combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             | 1.58 LB/H             |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323  | Fire Water Diesel Pump No. 3 Engine                                  | 600        | hp              | Proper operation and limits on hours operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0                     |
| 1/9/2017   | MONSANTO LULING PLANT                      | LA-0323  | Fire Water Diesel Pump No. 4 Engine                                  | 600        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             | 0                     |
| 2/17/2017  | CAMERON LNG FACILITY                       | LA-0316  | emergency generator engines (6 units)                                | 3353       | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | 0                     |
| 3/23/2017  | MIDWEST FERTILIZER COMPANY LLC             | IN-0263  | EMERGENCY GENERATORS (EU014A AND EU-014B)                            | 3600       | HP EACH         | GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.15 G/HP-H EACH      |
| 4/19/2017  | PALLAS NITROGEN LLC                        | OH-0368  | Emergency Generator (P009)                                           | 5000       | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             | 0.2 LB/H              |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUEMRGRICE1 in FGRICE (Emergency diesel generator engine)            | 500        | H/YR            | Certified engines, good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.66 LB/H             |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUEMRGRICE2 in FGRICE (Emergency Diesel Generator Engine)            | 500        | H/YR            | Certified engines. Good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.22 LB/H             |
| 5/9/2017   | GRAYLING PARTICLEBOARD                     | MI-0425  | EUFIREPUMP in FGRICE (Diesel fire pump engine)                       | 500        | H/YR            | Certified engines. Good design, operation and combustion practices. Operational restrictions/limited use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.18 LB/H             |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                  | MA-0043  | Cold Start Engine                                                    | 19.04      | MMBTU/HR        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0.4 LB/HR             |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Black Start and Emergency Internal Combustion Engines                | 1500       | kWe             | Clean Fuel and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             | 0.25 G/KW-HR          |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBtu/hr        | Clean Fuel and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             | 0.29 G/KW-HR (ULSD)   |
| 6/30/2017  | DONLIN GOLD PROJECT                        | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBtu/hr        | Clean Fuel and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             | 0.15 G/KW-HR (ULSD)   |
| 6/30/2017  | ST. JAMES METHANOL PLANT                   | *LA-0312 | DFFP1-13 - Diesel Fire Pump Engine (EQT0013)                         | 650        | horsepower      | Compliance with NSPS IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0.15 LB/HR            |
| 6/30/2017  | ST. JAMES METHANOL PLANT                   | *LA-0312 | DEG1-13 - Diesel Fired Emergency Generator Engine (EQT0012)          | 1474       | horsepower      | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             | 0.08 LB/HR            |
| 9/7/2017   | TRUMBULL ENERGY CENTER                     | OH-0370  | Emergency generator (P003)                                           | 1529       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 0.5 LB/H              |
| 9/27/2017  | OREGON ENERGY CENTER                       | OH-0372  | Emergency generator (P003)                                           | 1529       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 0.5 LB/H              |
| 10/23/2017 | GUERNSEY POWER STATION LLC                 | OH-0374  | Emergency Generators (2 identical, P004 and P005)                    | 2206       | HP              | Certified to the meet the emissions standards in 40 CFR 89.112 and 89.113 pursuant to 40 CFR 60.4205(b) and 60.4202(a)(2).<br>Good combustion practices per the manufacturer's operating manual.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | 0.73 LB/H             |

# RBLC Entries for PM<sub>2.5</sub> Control from Emergency Engines

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                             | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                     | Limit No. 1 | Unit        |
|------------|---------------------------------------------------|----------|----------------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Generator Engine (P001)                 | 2206       | HP              | Good combustion design                                                                                                                                                                                                                             | 0.73        | LB/H        |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Fire Pump Engine (P002)                 | 700        | HP              | Good combustion design                                                                                                                                                                                                                             | 0.23        | LB/H        |
| 12/18/2017 | TALLADEGA SAWMILL                                 | AL-0318  | 250 Hp Emergency CI, Diesel-fired RICE                   | 0          |                 |                                                                                                                                                                                                                                                    | 0           |             |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                        | OH-0376  | Emergency diesel-fired generator (P007)                  | 2682       | HP              | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                                                                                            | 1.01        | LB/H        |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Emergency Diesel Generator (P003)                        | 1860       | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                                                                                  | 0.62        | LB/H        |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0284  | Diesel-Fired Emergency Generators                        | 0          |                 | The Use of Ultra-Low Sulfur Fuel and Good Combustion Practices                                                                                                                                                                                     | 0.17        | G/KWH       |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0286  | P42 -Diesel Fired Emergency Generator                    | 0          |                 | Good Combustion Practices and The Use of Ultra-low Sulfur Fuel                                                                                                                                                                                     | 0.17        | G/KWH       |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Emergency Diesel GEN                                     | 500        | H/YR            | Good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                                                    | 0.15        | G/HP H      |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                  | MI-0433  | EUENGINE (North Plant): Emergency Engine                 | 1341       | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                   | 0.52        | LB/H        |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                  | MI-0433  | EUENGINE (South Plant): Emergency Engine                 | 1341       | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                   | 0.52        | LB/H        |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUENGINE: Emergency engine                               | 2          | MW              | State of the art combustion design.                                                                                                                                                                                                                | 1.18        | LB/H        |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Firewater Pumps                                          | 634        | KW              | Good combustion and operating practices.                                                                                                                                                                                                           | 0.3         | G/HP-H      |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Large Emergency Engines (>50KW)                          | 5364       | HP              | Good combustion and operating practices.                                                                                                                                                                                                           | 0.2         | G/KW-H      |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUEMGD1--A 1500 HP diesel fueled emergency engine        | 1500       | HP              | Ultra low-sulfur diesel fuel.                                                                                                                                                                                                                      | 0.69        | LB/H        |
| 12/21/2018 | LBWL--ERICKSON STATION                            | MI-0441  | EUEMGD2--A 6000 HP diesel fuel fired emergency engine    | 6000       | HP              | Ultra low sulfur diesel fuel.                                                                                                                                                                                                                      | 2.7         | LB/H        |
| 12/21/2018 | PTGCA PETROCHEMICAL COMPLEX                       | OH-0378  | Emergency Diesel-fired Generator Engine (P007)           | 3353       | HP              | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 1.1         | LB/H        |
| 12/21/2018 | PTGCA PETROCHEMICAL COMPLEX                       | OH-0378  | 1,000 kW Emergency Generators (P008 - P010)              | 1341       | HP              | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 0.44        | LB/H        |
| 2/6/2019   | PETMIN USA INCORPORATED                           | OH-0379  | Emergency Generators (P005 and P006)                     | 3131       | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                                                                                        | 0.15        | LB/H        |
| 4/25/2019  | BIG LAKE FUELS METHANOL PLANT                     | LA-0382  | Emergency Engines (EQT0014 - EQT0017)                    | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                                                                    | 0           |             |
| 6/9/2019   | BIG RIVER STEEL LLC                               | AR-0163  | Emergency Engines                                        | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.2         | G/KW-HR     |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency generator EU-6006                              | 2800       | HP              | Tier II diesel engine                                                                                                                                                                                                                              | 0.2         | G/KWH       |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency fire pump EU-6008                              | 750        | HP              | Engine that complies with Table 4 to Subpart IIII of Part 60                                                                                                                                                                                       | 0.2         | G/KWH       |
| 6/24/2019  | CHICKAHOMINY POWER LLC                            | VA-0332  | Emergency Diesel Generator - 300 KW                      | 500        | H/YR            | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                           | 0.15        | G/HP-HR     |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                       | MI-0442  | FGENGINE                                                 | 1100       | KW              | Good combustion practices and ultra low sulfur diesel.                                                                                                                                                                                             | 7.55        | LB/1000 GAL |
| 8/26/2019  | CARDINAL FG COMPANY                               | WI-0294  | P10- Diesel emergency Generator                          | 0          |                 |                                                                                                                                                                                                                                                    | 0.05        | G/BHP-H     |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                          | AR-0161  | Emergency Engines                                        | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.02        | G/KW-HR     |
| 11/26/2019 | INDECK NILES, LLC                                 | *MI-0445 | EUENGINE (diesel fuel emergency engine)                  | 22.68      | MMBTU/H         | Good combustion practices                                                                                                                                                                                                                          | 1.58        | LB/H        |
| 1/6/2020   | FG LA COMPLEX                                     | LA-0364  | Emergency Generator Diesel Engines                       | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |             |
| 1/6/2020   | FG LA COMPLEX                                     | LA-0364  | Emergency Fire Water Pumps                               | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |             |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                   | TX-0876  | Emergency generator                                      | 0          |                 | Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                        | 0           |             |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                         | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES           | 0          |                 | well-designed and properly maintained engines and each limited to 100 hours per year of non-emergency use.                                                                                                                                         | 0           |             |
| 7/17/2020  | PETMIN USA INCORPORATED                           | OH-0383  | Diesel-fired emergency fire pumps (2) (P009 and P010)    | 3131       | HP              | Tier IV engine and Good combustion practices                                                                                                                                                                                                       | 0.15        | G/B-HP-H    |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-02 - North Water System Emergency Generator        | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-03 - South Water System Emergency Generator        | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-04 - Emergency Fire Water Pump                     | 920        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator      | 700        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                           | KY-0110  | EP 10-01 - Caster Emergency Generator                    | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0.15        | G/HP-HR     |
| 8/13/2020  | GAS TREATMENT PLANT                               | AK-0085  | One (1) Black Start Generator Engine                     | 186.6      | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year.                                                                                                                                                                        | 0.045       | G/HP-HR     |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                       | WI-0300  | Emergency Diesel Generator (P07)                         | 1490       | HP              | Limited to operate 500 hours/year, sulfur content of the diesel fuel oil fired may not exceed 15 ppm, and operate and maintain according to the manufacturer's recommendations.                                                                    | 0.15        | G/HP-H      |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL                  | LA-0383  | Emergency Engines (EQT0011 - EQT0016)                    | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                 | 0           |             |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX         | TX-0904  | EMERGENCY GENERATOR                                      | 0          |                 | 100 HOURS OPERATIONS, Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101                                                                                                                                                            | 0           |             |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY         | TX-0905  | EMERGENCY GENERATOR                                      | 0          |                 | limited to 100 hours per year of non-emergency operation                                                                                                                                                                                           | 0           |             |
| 12/9/2020  | NORFOLK NAVAL SHIPYARD                            | VA-0333  | One (1) emergency engine generator                       | 2220       | HP              |                                                                                                                                                                                                                                                    | 1.1         | LB          |
| 12/18/2020 | GRAYLING PARTICLEBOARD                            | MI-0448  | Emergency diesel generator engine (EUEMGRICE1 in FGRICE) | 500        | h/yr            | Certified Engines, Good Design, Operation, and Combustion Practices, Operational Restrictions/Limited Use                                                                                                                                          | 0.66        | LB/H        |
| 12/18/2020 | GRAYLING PARTICLEBOARD                            | MI-0448  | Emergency diesel generator engine (EUEMGRICE2 in FGRICE) | 500        | h/yr            | Certified Engines, Good Design, Operation, and Combustion Practices, Operational Restrictions/Limited Use                                                                                                                                          | 0.22        | LB/H        |
| 12/18/2020 | GRAYLING PARTICLEBOARD                            | MI-0448  | Diesel fire pump engine (EUFIREPUMP in FGRICE)           | 500        | h/yr            | Certified Engines, Good Design, Operation, and Combustion Practices, Operational Restrictions/Limited Use                                                                                                                                          | 0.18        | LB/H        |
| 1/7/2021   | LBWL--ERICKSON STATION                            | MI-0447  | EUEMGD--emergency engine                                 | 4474.2     | KW              | ultra-low sulfur diesel fuel                                                                                                                                                                                                                       | 1           | LB/H        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                         | KY-0115  | New Pumphouse (XB13) Emergency Generator #1 (EP 08-05)   | 2922       | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                                   | 0.15        | G/HP-HR     |

# RBLC Entries for PM<sub>2.5</sub> Control from Emergency Engines

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                          | Limit No. 1 | Unit     |
|------------|-----------------------------------------------------|----------|----------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Tunnel Furnace Emergency Generator (EP 08-06)                              | 2937       | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR  |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Caster B Emergency Generator (EP 08-07)                                    | 2937       | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR  |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Air Separation Unit Emergency Generator (EP 08-08)                         | 700        | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                        | 0.15        | G/HP-HR  |
| 11/17/2021 | NACERO PENWELL FACILITY                             | TX-0933  | Emergency Generators                                                       | 0          |                 | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Å§ 1039.101) exhaust emission standards                                                                    | 0           |          |
| 2/25/2022  | LACC LLC US - ETHYLENE PLANT                        | LA-0388  | Firewater Pump Engine No. 1 and 2                                          | 575        | hp              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.23        | LB/HR    |
| 5/6/2022   | MIDWEST FERTILIZER COMPANY LLC                      | IN-0324  | emergency generator EU 014a                                                | 3600       | HP              |                                                                                                                                                                                         | 0.15        | G/HP-HR  |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1            | LA-0391  | Emergency Diesel Generator Engine                                          | 2937       | hp              | Compliance with 40 CFR 60 Subpart IIII (Tier 2 non-road engines) standards, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                     | 0.15        | G/HP-HR  |
| 6/23/2022  | MEC NORTH, LLC                                      | MI-0451  | EUENGINE (North Plant): Emergency engine                                   | 1341       | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                        | 0.52        | LB/H     |
| 6/23/2022  | MEC SOUTH, LLC                                      | MI-0452  | EUENGINE (South Plant): Emergency engine                                   | 1341       | HP              | Diesel particulate filter, Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                         | 0.52        | LB/H     |
| 7/7/2022   | LIQUEFACTION PLANT                                  | AK-0088  | Diesel Fire Pump Engine                                                    | 27.9       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                    | 0.19        | G/HP-HR  |
| 9/20/2022  | INTEL OHIO SITE                                     | OH-0387  | 5,051 bhp (3,768 kWm) Diesel-Fired Emergency Generators: P001 through P046 | 5051       | HP              | Certified to meet Tier 2 standards and good combustion practices                                                                                                                        | 0.07        | LB/H     |
| 11/21/2022 | NUCOR STEEL ARKANSAS                                | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator                          | 3634       | Horsepower      |                                                                                                                                                                                         | 0.2         | G/KW-HR  |
| 12/20/2022 | LBWL-ERICKSON STATION                               | MI-0454  | EUEMGD                                                                     | 4474.2     | KW              | Ultra-low sulfur diesel fuel                                                                                                                                                            | 1           | LB/H     |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                | TX-0939  | EMERGENCY GENERATOR                                                        | 18.7       | MMBTU/HR        | GOOD COMBUSTION PRACTICES, LIMITED TO 100 HR/YR                                                                                                                                         | 0.003       | LB/HP HR |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Firewater Pump Engine (EQT0017 - EQT0020)                                  | 0          |                 | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.125       | G/KW-HR  |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                           | LA-0324  | Generator Engines (EQT0016)                                                | 4290       | kw              | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.067       | G/KW-HR  |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN1)                                              | 3000       | Horsepower      | certified engine                                                                                                                                                                        | 0.15        | G/HP-H   |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Generators                                                       | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                 | 0.1         | G/BHP-HR |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency generator                                                        | 2012       | hp              |                                                                                                                                                                                         | 0.15        | G/HP-HR  |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency fire pump                                                        | 420        | brake hp        |                                                                                                                                                                                         | 0.2         | G/KW-HR  |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 06-22 - AO-5 Emergency Generator                                           | 670.5      | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                  | 0.22        | LB/HR    |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 53-22 - PAO Emergency Generator                                            | 670.5      | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII, and limiting non-emergency operation to no more than 100 hours per year                                            | 0.22        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | EGEN - Plant Emergency Generator                                           | 3634       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 1.19        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 01 - Generac SD 2000                                                | 2923       | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 0.84        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | E. GEN 02 - Generac SD 2000                                                | 2923       | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 0.84        | LB/HR    |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Emergency Generator Engine                                                 | 3985       | hp              |                                                                                                                                                                                         | 0.2         | G/KW-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUEMGEN                                                                    | 762        | bhp             | Good combustion practices, use of ULSD                                                                                                                                                  | 0.3         | LB/H     |
| 7/24/2024  | MCA GEIMAR SITE                                     | *LA-0406 | Diesel Emergency Generator (EQT0012)                                       | 1140       | hp              | Proper equipment design and good combustion practices.<br>Use ultra-low sulfur diesel as fuel.<br>Compliance with 40 CFR 60 Subpart IIII.                                               | 0.15        | G/HP-HR  |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 2 (EQUI 26)                                            | 1049       | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR  |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 3 (EQUI 27)                                            | 1049       | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR  |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 4 (EQUI 28)                                            | 1049       | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR  |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 5 (EQUI 43)                                            | 772        | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR  |
| 8/7/2024   | BLUE LAKE                                           | MN-0095  | Emergency Generator 6 (EQUI 43)                                            | 772        | horsepower      | Emergency classification, hourly restriction, ULSD, and NSPS compliance                                                                                                                 | 0.16        | G/HP-HR  |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4C-6A - C/A Emergency Generator A                                          | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.76        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4C-6B - C/A Emergency Generator B                                          | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.76        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4C-6C - C/A Emergency Generator C                                          | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.76        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-7A - Fire Water Pump A                                                  | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.18        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-7B - Fire Water Pump B                                                  | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.18        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-7C - Fire Water Pump C                                                  | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.18        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-10 - Utility Emergency Generator                                        | 2012       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.66        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-12 - VCM/CA/UT CCR Emergency Generator                                  | 760        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.25        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11A - VCM Emergency Generator A                                         | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.76        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11B - VCM Emergency Generator B                                         | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.76        | LB/HR    |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                       | IN-0384  | Black Start Emergency Generators                                           | 3000       | kWe, each       | Good combustion practices, low sulfur fuel                                                                                                                                              | 0.17        | G        |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                       | IN-0384  | plant emergency generator                                                  | 1500       | kWe             | Good combustion practices, low sulfur fuel                                                                                                                                              | 0.07        | G        |

**RBLC Entries for Sulfur Dioxide Control from Emergency Engines**

| Date       | Facility Name                                   | RBLC ID  | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                     | Limit No. 1 | Unit                |
|------------|-------------------------------------------------|----------|-----------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY           | TX-0728  | Emergency Diesel Generator                          | 1500       | hp              | Low sulfur fuel 15 ppmw                                                                                                                                                                                                                            | 0.61        | LB/H                |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                    | LA-0309  | Emergency Generator Engines                         | 2922       | hp (each)       |                                                                                                                                                                                                                                                    | 0           |                     |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                  | FL-0356  | Three 3300-kW ULSD emergency generators             | 0          |                 | Use of ULSD                                                                                                                                                                                                                                        | 0.0015      | % S IN ULSD         |
| 6/17/2016  | GREENSVILLE POWER STATION                       | VA-0325  | DIESEL-FIRED EMERGENCY GENERATOR 3000 kW (1)        | 0          |                 | Ultra Low Sulfur Diesel/Fuel (15 ppm max)                                                                                                                                                                                                          | 0.0015      | LB/MMBTU            |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY                  | LA-0305  | Diesel Engines (Emergency)                          | 4023       | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                              | 0           |                     |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                          | OH-0367  | Emergency generator (P003)                          | 2947       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                       | 0.03        | LB/H                |
| 1/4/2017   | INDECK NILES, LLC                               | MI-0423  | EUEMENGINE (Diesel fuel emergency engine)           | 22.68      | MMBTU/H         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                              | 15          | PPM                 |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                       | MA-0043  | Cold Start Engine                                   | 19.04      | MMBTU/HR        |                                                                                                                                                                                                                                                    | 0.029       | LB/HR               |
| 9/7/2017   | TRUMBULL ENERGY CENTER                          | OH-0370  | Emergency generator (P003)                          | 1529       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                       | 0.016       | LB/H                |
| 9/27/2017  | OREGON ENERGY CENTER                            | OH-0372  | Emergency generator (P003)                          | 1529       | HP              | Ultra low sulfur diesel fuel                                                                                                                                                                                                                       | 0.016       | LB/H                |
| 10/23/2017 | GUERNSEY POWER STATION LLC                      | OH-0374  | Emergency Generators (2 identical, P004 and P005)   | 2206       | HP              | ultra-low sulfur diesel (ULSD) fuel with a sulfur content of less than 15 ppm (0.0015 percent by weight)                                                                                                                                           | 0.0015      | LB/MMBTU            |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                       | FL-0363  | Two 3300 kW emergency generators                    | 0          |                 | Clean fuel                                                                                                                                                                                                                                         | 15          | PPM S IN FUEL       |
| 12/18/2017 | TALLADEGA SAWMILL                               | AL-0318  | 250 Hp Emergency Ct, Diesel-fired RICE              | 0          |                 |                                                                                                                                                                                                                                                    | 0           |                     |
| 4/19/2018  | HARRISON POWER                                  | OH-0377  | Emergency Diesel Generator (P003)                   | 1860       | HP              | ultra-low sulfur diesel (ULSD) fuel with a sulfur content of less than 15 ppm (0.0015 percent by weight)                                                                                                                                           | 0.0015      | LB/MMBTU            |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT | WI-0284  | Diesel-Fired Emergency Generators                   | 0          |                 | The Use of Ultra-Low Sulfur Fuel and Good Combustion Practices                                                                                                                                                                                     | 0           |                     |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT | WI-0286  | P42 -Diesel Fired Emergency Generator               | 0          |                 | Good Combustion Practices and The Use of Ultra-low Sulfur Fuel                                                                                                                                                                                     | 0           |                     |
| 4/26/2018  | C4GT, LLC                                       | VA-0328  | Emergency Diesel GEN                                | 500        | H/YR            | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                                                    | 0           |                     |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUEMENGINE (North Plant): Emergency Engine          | 1341       | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                              | 15          | PPM                 |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUEMENGINE (South Plant): Emergency Engine          | 1341       | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                              | 15          | PPM                 |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY             | FL-0367  | 1,500 kW Emergency Diesel Generator                 | 14.82      | MMBTU/hour      | Clean fuel                                                                                                                                                                                                                                         | 15          | PPM S IN FUEL       |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                      | LA-0331  | Firewater Pumps                                     | 634        | KW              | Ultra-Low Sulfur Diesel Fuel with Sulfur Content of 15 ppmv.                                                                                                                                                                                       | 0.04        | LB/GAL              |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                      | LA-0331  | Large Emergency Engines (>50kW)                     | 5364       | HP              | Ultra-low sulfur diesel fuel with sulfur content of 15 ppmv.                                                                                                                                                                                       | 0           | LB/HP-H             |
| 6/9/2019   | BIG RIVER STEEL LLC                             | AR-0163  | Emergency Engines                                   | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.0015      | % SULFUR FUEL       |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                    | IN-0317  | Emergency generator EU-6006                         | 2800       | HP              | ULSD                                                                                                                                                                                                                                               | 15          | PPM                 |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                    | IN-0317  | Emergency fire pump EU-6008                         | 750        | HP              | Engine that complies with Table 4 to Subpart IIII of Part 60 fuel sulfur limitation                                                                                                                                                                | 15          | PPM                 |
| 6/24/2019  | CHICKAHOMINY POWER LLC                          | VA-0332  | Emergency Diesel Generator - 300 kW                 | 500        | H/YR            | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                           | 0.0015      | LB/MMBTU            |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                        | AR-0161  | Emergency Engines                                   | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 0.007       | G/KW-HR             |
| 11/26/2019 | INDECK NILES, LLC                               | *MI-0445 | EUEMENGINE (diesel fuel emergency engine)           | 22.68      | MMBTU/H         | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                               | 15          | PPM                 |
| 1/6/2020   | FG LA COMPLEX                                   | LA-0364  | Emergency Generator Diesel Engines                  | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |                     |
| 1/6/2020   | FG LA COMPLEX                                   | LA-0364  | Emergency Fire Water Pumps                          | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |                     |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                 | TX-0876  | Emergency generator                                 | 0          |                 | Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                        | 15          | PPMW                |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                       | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES      | 0          |                 | ultra-low sulfur diesel (15 ppmw sulfur content).                                                                                                                                                                                                  | 0           |                     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 10-02 - North Water System Emergency Generator   | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |                     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 10-03 - South Water System Emergency Generator   | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |                     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 10-04 - Emergency Fire Water Pump                | 920        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |                     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator | 700        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |                     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 10-01 - Caster Emergency Generator               | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |                     |
| 8/13/2020  | GAS TREATMENT PLANT                             | AK-0085  | One (1) Black Start Generator Engine                | 186.6      | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year.                                                                                                                                                                        | 15          | PPMW SULFUR IN FUEL |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX       | TX-0904  | EMERGENCY GENERATOR                                 | 0          |                 | 100 HOURS OPERATIONS, Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101                                                                                                                                                            | 0           |                     |
| 11/9/2020  | PLANT BARRY                                     | AL-0328  | Diesel Emergency Engines                            | 0          |                 |                                                                                                                                                                                                                                                    | 15          | PPM                 |
| 12/15/2020 | FORMOSA POINT COMFORT PLANT                     | TX-0911  | EMERGENCY GENERATOR ENGINE                          | 0          |                 | ULTRA LOW SULFUR FUEL                                                                                                                                                                                                                              | 0           |                     |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY             | FL-0371  | 1,500 kW Emergency Diesel Generator                 | 14.82      | MMBTU/hour      |                                                                                                                                                                                                                                                    | 15          | PPM S IN FUEL       |
| 11/17/2021 | NACERO PENWELL FACILITY                         | TX-0933  | Emergency Generators                                | 0          |                 | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Â§ 1039.101) exhaust emission standards                                                                                                                               | 0           |                     |
| 6/23/2022  | MEC NORTH, LLC                                  | MI-0451  | EUEMENGINE (North Plant): Emergency engine          | 1341       | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                              | 15          | PPM                 |
| 6/23/2022  | MEC SOUTH, LLC                                  | MI-0452  | EUEMENGINE (South Plant): Emergency engine          | 1341       | HP              | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                               | 15          | PPM                 |
| 7/7/2022   | LIQUEFACTION PLANT                              | AK-0088  | Diesel Fire Pump Engine                             | 27.9       | Gal/hr          | Good Combustion Practices; ULSD; Limited Operation;                                                                                                                                                                                                | 15          | PPMW SULFUR IN FUEL |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                      | IL-0133  | Emergency Engines                                   | 1250       | KW              | Use of ultra-low sulfur diesel, with a sulfur content < 15 ppm sulfur.                                                                                                                                                                             | 0           |                     |
| 11/21/2022 | NUCOR STEEL ARKANSAS                            | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator   | 3634       | Horsepower      | Fuel Specification                                                                                                                                                                                                                                 | 15          | PPM FUEL            |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                       | LA-0324  | Firewater Pump Engine (EQT0017 - EQT0020)           | 0          |                 | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage.                                                            | 0.0015      | LB/MM BTU           |

**RBLC Entries for Sulfur Dioxide Control from Emergency Engines**

| Date      | Facility Name             | RBLC ID  | PROCESS NAME                  | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                          | Limit No. 1 | Unit                 |
|-----------|---------------------------|----------|-------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|
| 3/28/2023 | COMMONWEALTH LNG FACILITY | LA-0324  | Generator Engines (EQT0016)   | 4290       | kw              | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.0015      | LB/MM BTU            |
| 3/30/2023 | NUCOR STEEL               | IN-0359  | Emergency Generator (CC-GEN1) | 3000       | Horsepower      | ultra-low sulfur diesel fuel (0.0015%S)                                                                                                                                                 | 0           |                      |
| 4/28/2023 | HYBAR LLC                 | AR-0180  | Emergency Generators          | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                 | 15          | PPM MAX FUEL CONTENT |
| 6/19/2023 | MAPLE CREEK ENERGY LLC    | *IN-0365 | Emergency generator           | 2012       | hp              |                                                                                                                                                                                         | 0.0016      | LB PER MMBTU         |
| 6/19/2023 | MAPLE CREEK ENERGY LLC    | *IN-0365 | Emergency fire pump           | 420        | brake hp        |                                                                                                                                                                                         | 0.0016      | LB PER MMBTU         |

**RBLC Entries for Volatile Organic Compounds Control from Emergency Engines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit No. 1 | Unit                  |
|------------|---------------------------------------------------|----------|----------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                 | AK-0082  | Emergency Camp Generators                                            | 2695       | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.0007      | LB/HP-H               |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                 | AK-0082  | Fine Water Pumps                                                     | 610        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.0007      | LB/HP-H               |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                 | AK-0082  | Bulk Tank Generator Engines                                          | 891        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.0007      | LB/HP-H               |
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY             | TX-0728  | Emergency Diesel Generator                                           | 1500       | hp              | Minimized hours of operations Tier II engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.7         | LB/H                  |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                      | LA-0309  | Emergency Generator Engines                                          | 2922       | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC              | OH-0366  | Emergency generator (P003)                                           | 2346       | HP              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.1         | LB/H                  |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                    | PA-0311  | Fire Pump Engine                                                     | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.2         | G/HP-HR               |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                      | PA-0309  | 2000 kW Emergency Generator                                          | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.22        | GM/HP-HR              |
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                       | LA-0292  | Emergency Generators No. 1 & No. 2                                   | 1341       | HP              | Good combustion practices consistent with the manufacturer's recommendations to maximize fuel efficiency and minimize emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.83        | LB/HR                 |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER                      | NY-0103  | Black start generator                                                | 3000       | KW              | Compliance demonstrated with vendor emission certification and adherence to vendor-specified maintenance recommendations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.11        | G/BHP-H               |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION        | NJ-0084  | Diesel Fired Emergency Generator                                     | 44         | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1           | LB/H                  |
| 3/21/2016  | MAGNOLIA LNG FACILITY                             | LA-0307  | Diesel Engines                                                       | 0          |                 | good combustion practices, Use ultra low sulfur diesel, and comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0           |                       |
| 4/15/2016  | MERCEDES BENZ VANS, LLC                           | SC-0193  | Emergency Generators and Fire Pump                                   | 1500       | hp              | Must meet the standards of 40 CFR 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100         | HR/YR                 |
| 6/8/2016   | BEAUMONT TERMINAL                                 | TX-0799  | Fire pump engines                                                    | 0          |                 | Equipment specifications and good combustion practices. Operation limited to 100 hours per year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.0007      | LB/HP-HR              |
| 6/17/2016  | GREENSVILLE POWER STATION                         | VA-0325  | DIESEL-FIRED EMERGENCY GENERATOR 3000 KW (1)                         | 0          |                 | Good Combustion Practices/Maintenance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6.4         | G/KW                  |
| 8/31/2016  | ST. CHARLES POWER STATION                         | LA-0313  | SCPS Emergency Diesel Generator 1                                    | 2584       | HP              | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 27.34       | LB/H                  |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                            | OH-0367  | Emergency generator (P003)                                           | 2947       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.84        | LB/H                  |
| 10/24/2016 | FRITZ WINTER NORTH AMERICA, LP                    | KY-0109  | Emergency Generators #1, #2, & #3 (EU72, EU73, & EU74)               | 53.6       | gal/hr          | The permittee shall prepare and maintain for EU72, EU73, and EU74, within 90 days of startup, a good combustion and operation practices plan (GCOP) that defines, measures and verifies the use of operational and design practices determined as BACT for minimizing CO, VOC, PM, PM10, and PM2.5 emissions. Any revisions requested by the Division shall be made and the plan shall be maintained on site. The permittee shall operate according to the provisions of this plan at all times, including periods of startup, shutdown, and malfunction. The plan shall be incorporated into the plant standard operating procedures (SOP) and shall be made available for the Division's inspection. The plan shall include, but not be limited to:<br>i. A list of combustion optimization practices and a means of verifying the practices have occurred.<br>ii. A list of combustion and operation practices to be used to lower energy consumption and a means of verifying the practices have occurred.<br>iii. A list of the design choices determined to be BACT and verification that designs were implemented in the final construction. | 4.77        | G/HP-HR (EU72 & EU73) |
| 12/15/2016 | BATON ROUGE JUNCTION FACILITY                     | LA-0276  | Fire Pump Engines (2 units)                                          | 700        | hp              | Comply with standards of NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                       |
| 1/4/2017   | INDECK NILES, LLC                                 | MI-0423  | EUENGINE (Diesel fuel emergency engine)                              | 22.68      | MMBTU/H         | Good combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.87        | LB/H                  |
| 2/17/2017  | CAMERON LNG FACILITY                              | LA-0316  | emergency generator engines (6 units)                                | 3353       | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                       |
| 3/23/2017  | MIDWEST FERTILIZER COMPANY LLC                    | IN-0263  | EMERGENCY GENERATORS (EU014A AND EU-014B)                            | 3600       | HP EACH         | GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.35        | G/HP-H EACH           |
| 4/19/2017  | PALLAS NITROGEN LLC                               | OH-0368  | Emergency Generator (P009)                                           | 5000       | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.6         | LB/H                  |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                         | MA-0043  | Cold Start Engine                                                    | 19.04      | MMBTU/HR        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.85        | LB/HR                 |
| 6/29/2017  | WILDHORSE TERMINAL                                | OK-0175  | Emergency Use Engines & 500 HP                                       | 0          |                 | Good combustion practices. Certified to meet EPA Tier 3 engine standards. Shall be limited to operate at no more than 500 hr/yr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3           | GM/HP-HR              |
| 6/30/2017  | DONLIN GOLD PROJECT                               | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBTU/hr        | Oxidation Catalyst and Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.21        | G/KW-HR (ULSD)        |
| 6/30/2017  | ST. JAMES METHANOL PLANT                          | *LA-0312 | DFP1-13 - Diesel Fire Pump Engine (EQT0013)                          | 650        | horsepower      | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.13        | LB/HR                 |
| 6/30/2017  | ST. JAMES METHANOL PLANT                          | *LA-0312 | DEG1-13 - Diesel Fired Emergency Generator Engine (EQT0012)          | 1474       | horsepower      | Compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.04        | LB/HR                 |
| 7/12/2017  | PERDUE GRAIN AND OILSEED, LLC                     | VA-0327  | Emergency Generator                                                  | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.49        | LB/HR                 |
| 7/27/2017  | FIRST QUALITY TISSUE LOCK HAVEN PLT               | *PA-0313 | Emergency Generator                                                  | 2500       | bhp             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.5         | G                     |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370  | Emergency generator (P003)                                           | 1529       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2           | LB/H                  |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372  | Emergency generator (P003)                                           | 1529       | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2           | LB/H                  |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374  | Emergency Generators (2 identical, P004 and P005)                    | 2206       | HP              | Certified to the meet the emissions standards in 40 CFR 89.112 and 89.113 pursuant to 40 CFR 60.4205(b) and 60.4202(a)(2).<br>Good combustion practices per the manufacturer's operating manual.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 23.21       | LB/H                  |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Generator Engine (P001)                             | 2206       | HP              | Good combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24.71       | LB/H                  |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Fire Pump Engine (P002)                             | 700        | HP              | Good combustion design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4.97        | LB/H                  |
| 12/18/2017 | TALLADEGA SAWMILL                                 | AL-0318  | 250 Hp Emergency CI, Diesel-fired RICE                               | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0           |                       |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Emergency Diesel Generator (P003)                                    | 1860       | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 19.68       | LB/H                  |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0284  | Diesel-Fired Emergency Generators                                    | 0          |                 | Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.56        | G/KWH                 |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT   | WI-0286  | P42 -Diesel Fired Emergency Generator                                | 0          |                 | Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.56        | G/KWH                 |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                  | MI-0433  | EUENGINE (North Plant): Emergency Engine                             | 1341       | HP              | Good combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.86        | LB/H                  |
| 6/29/2018  | MEC NORTH, LLC and MEC SOUTH LLC                  | MI-0433  | EUENGINE (South Plant): Emergency Engine                             | 1341       | HP              | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.86        | LB/H                  |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUENGINE: Emergency engine                                           | 2          | MW              | State of the art combustion design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.89        | LB/H                  |

**RBLC Entries for Volatile Organic Compounds Control from Emergency Engines**

| Date       | Facility Name                             | RBLC ID  | PROCESS NAME                                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                     | Limit No. 1 | Unit     |
|------------|-------------------------------------------|----------|----------------------------------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                | LA-0331  | Firewater Pumps                                                            | 634        | kW              | Good combustion and operating practices.                                                                                                                                                                                                           | 0.44        | G/HP-H   |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                | LA-0331  | Large Emergency Engines (>50kW)                                            | 5364       | HP              | Good combustion and operating practices.                                                                                                                                                                                                           | 0.79        | G/KW-H   |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX               | OH-0378  | Emergency Diesel-fired Generator Engine (P007)                             | 3353       | HP              | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 37.41       | LB/H     |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX               | OH-0378  | 1,000 kW Emergency Generators (P008 - P010)                                | 1341       | HP              | certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII, shall employ good combustion practices per the manufacturer's operating manual                                                                           | 14.96       | LB/H     |
| 4/25/2019  | BIG LAKE FUELS METHANOL PLANT             | LA-0382  | Emergency Engines (EQT0014 - EQT0017)                                      | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                                                                    | 0           |          |
| 6/9/2019   | BIG RIVER STEEL LLC                       | AR-0163  | Emergency Engines                                                          | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 1.55        | G/KW-HR  |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION              | IN-0317  | Emergency generator EU-6006                                                | 2800       | HP              | Tier II diesel engine                                                                                                                                                                                                                              | 6.4         | G/KWH    |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION              | IN-0317  | Emergency fire pump EU-6008                                                | 750        | HP              | Engine that complies with Table 4 to Subpart IIII of Part 60                                                                                                                                                                                       | 4           | G/KWH    |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC               | MI-0442  | FGEMENGINE                                                                 | 1100       | KW              |                                                                                                                                                                                                                                                    | 0.86        | LB/H     |
| 9/11/2019  | WILDHORSE TERMINAL                        | OK-0181  | EMERGENCY USE ENGINES &gt; 500 HP                                          | 0          |                 | Good combustion practices. Certified to meet EPA Tier 3 engine standards. Each engine shall be limited to operate not more than 500 hours per year.                                                                                                | 3           | GM/HP-HR |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                  | AR-0161  | Emergency Engines                                                          | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                            | 1.9         | G/KW-HR  |
| 10/31/2019 | CONDENSATE SPLITTER FACILITY              | TX-0872  | Emergency Generators                                                       | 0          |                 | Limiting duration and frequency of generator use to 100 hr/yr. Good combustion practices will be used to reduce VOC including maintaining proper air-to-fuel ratio.                                                                                | 0.12        | G/KW HR  |
| 12/10/2019 | GREEN BAY PACKAGING- MILL DIVISION        | WI-0297  | Diesel-Fired Emergency Fire Pump (P36)                                     | 510        | HP              |                                                                                                                                                                                                                                                    | 200         | H/Y      |
| 1/6/2020   | FG LA COMPLEX                             | LA-0364  | Emergency Generator Diesel Engines                                         | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |          |
| 1/6/2020   | FG LA COMPLEX                             | LA-0364  | Emergency Fire Water Pumps                                                 | 550        | hp              | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0           |          |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT           | TX-0876  | Emergency generator                                                        | 0          |                 | Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                        | 0           |          |
| 2/19/2020  | MOTIVA PORT ARTHUR TERMINAL               | TX-0879  | Emergency Firewater Engine                                                 | 0          |                 | Meeting the requirements of 40 CFR Part 60, Subpart IIII. Firing ultra-low sulfur diesel fuel (no more than 15 ppm sulfur by weight). Limited to 100 hrs/yr of non-emergency operation. Have a non-resettable runtime meter.                       | 0.1         | G/HP HR  |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                 | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES                             | 0          |                 | well-designed and properly maintained engines and each limited to 100 hours per year of non-emergency use.                                                                                                                                         | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-02 - North Water System Emergency Generator                          | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-03 - South Water System Emergency Generator                          | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-04 - Emergency Fire Water Pump                                       | 920        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator                        | 700        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                   | KY-0110  | EP 10-01 - Caster Emergency Generator                                      | 2922       | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                 | 0           |          |
| 8/13/2020  | GAS TREATMENT PLANT                       | AK-0085  | One (1) Black Start Generator Engine                                       | 186.6      | gph             | Oxidation Catalyst, Good combustion practices, and limit operation to 500 hours per year.                                                                                                                                                          | 0.18        | G/HP-HR  |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER               | WI-0300  | Emergency Diesel Generator (P07)                                           | 1490       | HP              | Operation limited to 500 hours/year and operate and maintain generator according to the manufacturer's recommendations                                                                                                                             | 0.32        | G/HP-H   |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL          | LA-0383  | Emergency Engines (EQT0011 - EQT0016)                                      | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                 | 0           |          |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX | TX-0904  | EMERGENCY GENERATOR                                                        | 0          |                 | 100 HOURS OPERATIONS, Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101                                                                                                                                                            | 0           |          |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY | TX-0905  | EMERGENCY GENERATOR                                                        | 0          |                 | limited to 100 hours per year of non-emergency operation                                                                                                                                                                                           | 0           |          |
| 3/17/2021  | UNIT 5                                    | TX-0915  | DIESEL GENERATOR                                                           | 0          |                 | LIMITED 500 HR/YR OPERATION                                                                                                                                                                                                                        | 0.5         | G/HPHR   |
| 11/17/2021 | NACERO PENWELL FACILITY                   | TX-0933  | Emergency Generators                                                       | 0          |                 | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Â§ 1039.101) exhaust emission standards                                                                                                                               | 0           |          |
| 1/5/2022   | MAIDSVILLE                                | *WV-0033 | Emergency Generator                                                        | 2100       | hp              | Good Combustion Practices w/ OxCat. Applicant did not justify why an oxcat is infeasible for an emergency engine                                                                                                                                   | 0.46        | LB/HR    |
| 1/5/2022   | MAIDSVILLE                                | *WV-0033 | Fire Water Pump                                                            | 240        | bhp             | Good Combustion Practices w/ OxCat. Applicant did not justify why an oxcat is infeasible for an emergency engine                                                                                                                                   | 1.59        | LB/HR    |
| 2/25/2022  | LACC LLC US - ETHYLENE PLANT              | LA-0388  | Firewater Pump Engine No. 1 and 2                                          | 575        | hp              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                             | 0.32        | LB/HR    |
| 5/6/2022   | MIDWEST FERTILIZER COMPANY LLC            | IN-0324  | emergency generator EU 014a                                                | 3600       | HP              |                                                                                                                                                                                                                                                    | 0.35        | G/HP-HR  |
| 5/10/2022  | DERIDDER SAWMILL                          | LA-0390  | GEN-1 - Emergency Generator No. 1                                          | 750        | horsepower      | Good combustion practices and maintenance and compliance with applicable 40 CFR 60 Subpart IIII limitation for VOC.                                                                                                                                | 1.98        | LB/HR    |
| 5/10/2022  | DERIDDER SAWMILL                          | LA-0390  | GEN-2 - Emergency Generator No. 2                                          | 750        | horsepower      | Good combustion practices and maintenance and compliance with applicable 40 CFR 60 Subpart IIII limitation for VOC                                                                                                                                 | 1.98        | LB/HR    |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1  | LA-0391  | Emergency Diesel Generator Engine                                          | 2937       | hp              | Compliance with 40 CFR 60 Subpart IIII standards, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                                                                          | 4.8         | G/HP-HR  |
| 6/23/2022  | MEC NORTH, LLC                            | MI-0451  | EUENGINE (North Plant): Emergency engine                                   | 1341       | HP              | Good combustion practices                                                                                                                                                                                                                          | 0.86        | LB/H     |
| 6/23/2022  | MEC SOUTH, LLC                            | MI-0452  | EUENGINE (South Plant): Emergency engine                                   | 1341       | HP              | Good combustion practices.                                                                                                                                                                                                                         | 0.86        | LB/H     |
| 7/7/2022   | LIQUEFACTION PLANT                        | AK-0088  | Diesel Fire Pump Engine                                                    | 27.9       | Gal/hr          | Oxidation Catalyst; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                                                                                      | 0.19        | G/HP-HR  |
| 9/20/2022  | INTEL OHIO SITE                           | OH-0387  | 5,051 bhp (3,768 kWm) Diesel-Fired Emergency Generators: P001 through P046 | 5051       | HP              | Certified to meet Tier 2 standards and good combustion practices                                                                                                                                                                                   | 0.4         | G/KW-H   |
| 11/21/2022 | NUCOR STEEL ARKANSAS                      | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator                          | 3634       | Horsepower      |                                                                                                                                                                                                                                                    | 0.8         | G/KW-HR  |
| 11/21/2022 | NORFOLK CRUSH, LLC                        | NE-0064  | Emergency Fire Water Pump Engine 1                                         | 510        | hp              |                                                                                                                                                                                                                                                    | 0.62        | G/HP-HR  |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION      | TX-0939  | EMERGENCY GENERATOR                                                        | 18.7       | MMBTU/HR        | GOOD COMBUSTION PRACTICES, LIMITED TO 100 HR/YR                                                                                                                                                                                                    | 0.001       | LB/HP HR |
| 3/14/2023  | INEOS OLIGOMERS CHOCOLATE BAYOU           | TX-0955  | Engine Emergency Generator                                                 | 0          |                 | TIER III                                                                                                                                                                                                                                           | 0           |          |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                 | LA-0324  | Firewater Pump Engine (EQT0017 - EQT0020)                                  | 0          |                 | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage.                                                            | 0.4         | G/KW-HR  |

**RBLC Entries for Volatile Organic Compounds Control from Emergency Engines**

| Date       | Facility Name                                        | RBLC ID  | PROCESS NAME                              | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                          | Limit No. 1 | Unit    |
|------------|------------------------------------------------------|----------|-------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|
| 3/28/2023  | COMMONWEALTH LNG FACILITY                            | LA-0324  | Generator Engines (EQT0016)               | 4290       | kw              | Compliance with 40 CFR 60 Subpart IIII and operating engines per manufacturers' instructions and written procedures designed to maximize combustion efficiency and minimize fuel usage. | 0.322       | G/KW-HR |
| 3/30/2023  | NUCOR STEEL                                          | IN-0359  | Emergency Generator (CC-GEN1)             | 3000       | Horsepower      | certified engine                                                                                                                                                                        | 0.32        | G/HP-HR |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                          | *WI-0326 | Emergency Generator                       | 1490       | HP              | Good combustion practices include operational and design elements.                                                                                                                      | 0.32        | G/HP-HR |
| 12/12/2023 | GEISMAR PLANT                                        | *LA-0394 | 06-22 - AO-5 Emergency Generator          | 670.5      | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                  | 0.11        | LB/HR   |
| 12/12/2023 | GEISMAR PLANT                                        | *LA-0394 | 53-22 - PAO Emergency Generator           | 670.5      | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                     | 0.11        | LB/HR   |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                         | *LA-0401 | EGEN - Plant Emergency Generator          | 3634       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 2.29        | LB/HR   |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                         | *LA-0401 | E. GEN 01 - Generac SD 2000               | 2923       | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 2.06        | LB/HR   |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                         | *LA-0401 | E. GEN 02 - Generac SD 2000               | 2923       | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                              | 2.06        | LB/HR   |
| 12/21/2023 | CRONUS CHEMICALS                                     | IL-0134  | Emergency Generator Engine                | 3985       | hp              |                                                                                                                                                                                         | 6.4         | G/KW-HR |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK  | MI-0459  | EUEMGEN                                   | 762        | bhp             | Good combustion practices                                                                                                                                                               | 6.4         | G/KW-H  |
| 7/24/2024  | MCA GEIMAR SITE                                      | *LA-0406 | Diesel Emergency Generator (EQT0012)      | 1140       | hp              | Proper equipment design and good combustion practices.<br>Use ultra-low sulfur diesel as fuel.<br>Compliance with 40 CFR 60 Subpart IIII.                                               | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 2 (EQUI 26)           | 1049       | horsepower      | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                            | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 3 (EQUI 27)           | 1049       | horsepower      | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                            | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 4 (EQUI 28)           | 1049       | horsepower      | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                            | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 5 (EQUI 43)           | 772        | horsepower      | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                            | 4.8         | G/HP-HR |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 6 (EQUI 43)           | 772        | horsepower      | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                                            | 4.8         | G/HP-HR |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4C-6A - C/A Emergency Generator A         | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 6.27        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4C-6B - C/A Emergency Generator B         | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 6.27        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4C-6C - C/A Emergency Generator C         | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 6.27        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-7A - Fire Water Pump A                 | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.92        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-7B - Fire Water Pump B                 | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.92        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-7C - Fire Water Pump C                 | 552        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 0.92        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-10 - Utility Emergency Generator       | 2012       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 5.38        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-12 - VCM/CA/UT CCR Emergency Generator | 760        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 2.03        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4M-11A - VCM Emergency Generator A        | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 6.27        | LB/HR   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4M-11B - VCM Emergency Generator B        | 2346       | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                  | 6.27        | LB/HR   |
| 2/14/2025  | DUKE ENERGY INDIANA, INC.- CAYUGA GENERATING STATION | IN-0382  | Emergency Generators                      | 2000       | HP              |                                                                                                                                                                                         | 6.4         | G/KW-HR |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                        | IN-0384  | Black Start Emergency Generators          | 3000       | kWe, each       | Good combustion practices, low sulfur fuel                                                                                                                                              | 0.24        | G       |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                        | IN-0384  | plant emergency generator                 | 1500       | kWe             | Good combustion practices, low sulfur fuel                                                                                                                                              | 0.24        | G       |



**RBLC Entries for GHG Control from Emergency Engines**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                          | Limit No. 1 | Unit       |
|------------|---------------------------------------------------|----------|----------------------------------------------------------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                 | AK-0082  | Emergency Camp Generators                                            | 2695       | hp         |                                                                                                                                                         | 2332        | TONS/YEAR  |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                 | AK-0082  | Fine Water Pumps                                                     | 610        | hp         |                                                                                                                                                         | 565         | TONS/YEAR  |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                 | AK-0082  | Bulk Tank Generator Engines                                          | 891        | hp         |                                                                                                                                                         | 7194        | TONS/YEAR  |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                      | LA-0309  | Emergency Generator Engines                                          | 2922       | hp (each)  |                                                                                                                                                         | 0           |            |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC              | OH-0366  | Emergency generator (P003)                                           | 2346       | HP         | Efficient design                                                                                                                                        | 683         | T/YR       |
| 9/1/2015   | MOXIE FREEDOM GENERATION PLANT                    | PA-0311  | Fire Pump Engine                                                     | 0          |            |                                                                                                                                                         | 14          | TPY        |
| 9/11/2015  | GOLDEN PASS LNG EXPORT TERMINAL                   | TX-0766  | Emergency Engine Generators                                          | 750        | hp         | Equipment specifications & work practices -<br>Good combustion practices and limited operational hours                                                  | 40          | HR/YR      |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                      | PA-0309  | 2000 kW Emergency Generator                                          | 0          |            |                                                                                                                                                         | 81          | TONS       |
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                       | LA-0292  | Emergency Generators No. 1 & No. 2                                   | 1341       | HP         |                                                                                                                                                         | 77          | TPY        |
| 3/21/2016  | MAGNOLIA LNG FACILITY                             | LA-0307  | Diesel Engines                                                       | 0          |            | good combustion/operating/maintenance practices                                                                                                         | 0           |            |
| 6/8/2016   | BEAUMONT TERMINAL                                 | TX-0799  | Fire pump engines                                                    | 0          |            | Equipment specifications and good combustion practices. Operation limited to 100 hours per year.                                                        | 72.16       | T/YR       |
| 6/17/2016  | GREENSVILLE POWER STATION                         | VA-0325  | DIESEL-FIRED EMERGENCY GENERATOR 3000 kW (1)                         | 0          |            | Good Combustion Practices/Maintenance                                                                                                                   | 163.6       | LB/MMBTU   |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY                    | LA-0305  | Diesel Engines (Emergency)                                           | 4023       | hp         | Complying with 40 CFR 60 Subpart IIII                                                                                                                   | 0           |            |
| 8/26/2016  | GRAYLING PARTICLEBOARD                            | MI-0421  | Emergency Diesel Generator Engine (EUEMRGRICE in FGRICE)             | 500        | H/YR       | Good combustion and design practices.                                                                                                                   | 223         | T/YR       |
| 8/26/2016  | GRAYLING PARTICLEBOARD                            | MI-0421  | Diesel fire pump engine (EUFIREPUMP in FGRICE)                       | 500        | H/YR       | Good combustion and design practices.                                                                                                                   | 56          | T/YR       |
| 8/31/2016  | ST. CHARLES POWER STATION                         | LA-0313  | SCPS Emergency Diesel Generator 1                                    | 2584       | HP         | Good combustion practices                                                                                                                               | 0           |            |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                            | OH-0367  | Emergency generator (P003)                                           | 2947       | HP         | Efficient design                                                                                                                                        | 858         | T/YR       |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT                 | LA-0317  | Emergency Generator Engines (4 units)                                | 0          |            | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                        | 0           |            |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT                 | LA-0317  | Firewater pump Engines (4 units)                                     | 896        | hp (each)  | complying with 40 CFR 60 Subpart IIII and 40 CFR 63 Subpart ZZZZ                                                                                        | 0           |            |
| 1/4/2017   | INDECK NILES, LLC                                 | MI-0423  | EUEMENGINE (Diesel fuel emergency engine)                            | 22.68      | MMBTU/H    | Good combustion practices                                                                                                                               | 928         | T/YR       |
| 1/9/2017   | MONSANTO LULING PLANT                             | LA-0323  | Fire Water Diesel Pump No. 3 Engine                                  | 600        | hp         | Proper operation and limits on hours operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                         | 0           |            |
| 1/9/2017   | MONSANTO LULING PLANT                             | LA-0323  | Fire Water Diesel Pump No. 4 Engine                                  | 600        | hp         | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                      | 0           |            |
| 2/17/2017  | CAMERON LNG FACILITY                              | LA-0316  | emergency generator engines (6 units)                                | 3353       | hp         | good combustion practices                                                                                                                               | 0           |            |
| 4/19/2017  | PALLAS NITROGEN LLC                               | OH-0368  | Emergency Generator (P009)                                           | 5000       | HP         | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                 | 1289        | T/YR       |
| 5/9/2017   | GRAYLING PARTICLEBOARD                            | MI-0425  | EUEMRGRICE1 in FGRICE (Emergency diesel generator engine)            | 500        | H/YR       | Good combustion and design practices.                                                                                                                   | 209         | T/YR       |
| 5/9/2017   | GRAYLING PARTICLEBOARD                            | MI-0425  | EUEMRGRICE2 in FGRICE (Emergency Diesel Generator Engine)            | 500        | H/YR       | Good combustion and design practices.                                                                                                                   | 70          | T/YR       |
| 5/9/2017   | GRAYLING PARTICLEBOARD                            | MI-0425  | EUFIREPUMP in FGRICE (Diesel fire pump engine)                       | 500        | H/YR       | Good combustion and design practices.                                                                                                                   | 56          | T/YR       |
| 6/21/2017  | MIT CENTRAL UTILITY PLANT                         | MA-0043  | Cold Start Engine                                                    | 19.04      | MMBTU/HR   |                                                                                                                                                         | 163.61      | LB/MMBTU   |
| 6/30/2017  | DONLIN GOLD PROJECT                               | AK-0084  | Black Start and Emergency Internal Combustion Engines                | 1500       | kWe        | Good Combustion Practices                                                                                                                               | 2781        | TPY        |
| 6/30/2017  | DONLIN GOLD PROJECT                               | AK-0084  | Twelve (12) Large ULSD/Natural Gas-Fired Internal Combustion Engines | 143.5      | MMBTU/hr   | Good Combustion Practices                                                                                                                               | 1299630     | TPY (ULSD) |
| 6/30/2017  | ST. JAMES METHANOL PLANT                          | *LA-0312 | DFP1-13 - Diesel Fire Pump Engine (EQT0013)                          | 650        | horsepower | Compliance with NSPS Subpart IIII                                                                                                                       | 37          | TPY        |
| 6/30/2017  | ST. JAMES METHANOL PLANT                          | *LA-0312 | DEG1-13 - Diesel Fired Emergency Generator Engine (EQT0012)          | 1474       | horsepower | Compliance with NSPS Subpart IIII                                                                                                                       | 84          | TPY        |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370  | Emergency generator (P003)                                           | 1529       | HP         | Efficient design                                                                                                                                        | 445         | T/YR       |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372  | Emergency generator (P003)                                           | 1529       | HP         | state of the art combustion design                                                                                                                      | 445         | T/YR       |
| 10/23/2017 | GUERNSEY POWER STATION LLC                        | OH-0374  | Emergency Generators (2 identical, P004 and P005)                    | 2206       | HP         | good operating practices (proper maintenance and operation)                                                                                             | 120         | T/YR       |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Generator Engine (P001)                             | 2206       | HP         | Efficient design                                                                                                                                        | 116.8       | T/YR       |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Emergency Diesel Fire Pump Engine (P002)                             | 700        | HP         | Efficient design                                                                                                                                        | 40.1        | T/YR       |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                        | OH-0376  | Emergency diesel-fired generator (P007)                              | 2682       | HP         | Equipment design and maintenance requirements                                                                                                           | 163.6       | LB/MMBTU   |
| 4/19/2018  | HARRISON POWER                                    | OH-0377  | Emergency Diesel Generator (P003)                                    | 1860       | HP         | Efficient design and proper maintenance and operation                                                                                                   | 109.2       | T/YR       |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. - ENERGY PLANT  | WI-0284  | Diesel-Fired Emergency Generators                                    | 0          |            | The Use of Ultra-Low Sulfur Fuel and Good Combustion Practices                                                                                          | 0           |            |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. - ENERGY PLANT  | WI-0286  | P42- Diesel Fired Emergency Generator                                | 0          |            | Good Combustion Practices and The Use of Ultra-low Sulfur Fuel                                                                                          | 0           |            |
| 4/26/2018  | C4GT, LLC                                         | VA-0328  | Emergency Diesel GEN                                                 | 500        | H/YR       | use of S15 ULSD and high efficiency design and operation                                                                                                | 981         | T/YR       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUEMENGINE (North Plant): Emergency Engine                           | 1341       | HP         | Good combustion practices.                                                                                                                              | 383         | T/YR       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUEMENGINE (South Plant): Emergency Engine                           | 1341       | HP         | Good combustion practices.                                                                                                                              | 383         | T/YR       |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUEMENGINE: Emergency engine                                         | 2          | MW         | Energy efficient design.                                                                                                                                | 161         | T/YR       |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                    | IL-0129  | Emergency Engines                                                    | 0          |            |                                                                                                                                                         | 0           |            |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Firewater Pumps                                                      | 634        | kW         | Good Combustion Practices and Good Operation and Maintenance Practices.                                                                                 | 44          | T/YR       |
| 9/21/2018  | CALCASIEU PASS LNG PROJECT                        | LA-0331  | Large Emergency Engines (>50kW)                                      | 5364       | HP         | Good Combustion of Practices and Good Operation and Maintenance Practices                                                                               | 1481        | T/YR       |
| 12/21/2018 | LBWL-ERICKSON STATION                             | MI-0441  | EUEMGD1-A 1500 HP diesel fueled emergency engine                     | 1500       | HP         | Good combustion practices and energy efficiency measures.                                                                                               | 406         | T/YR       |
| 12/21/2018 | LBWL-ERICKSON STATION                             | MI-0441  | EUEMGD2-A 6000 HP diesel fuel fired emergency engine                 | 6000       | HP         | Good combustion practices and energy efficiency measures.                                                                                               | 1590        | T/YR       |
| 12/21/2018 | PTTGCA PETROCHEMICAL COMPLEX                      | OH-0378  | Emergency Diesel-fired Generator Engine (P007)                       | 3353       | HP         | good operating practices (proper maintenance and operation)                                                                                             | 200         | T/YR       |
| 12/21/2018 | PTTGCA PETROCHEMICAL COMPLEX                      | OH-0378  | 1,000 kW Emergency Generators (P008 - P010)                          | 1341       | HP         | good operating practices (proper maintenance and operation)                                                                                             | 80          | T/YR       |
| 12/31/2018 | JACKSON ENERGY CENTER                             | IL-0130  | Emergency Engine                                                     | 1500       | kW         |                                                                                                                                                         | 225         | TONS/YEAR  |
| 2/6/2019   | PETMIN USA INCORPORATED                           | OH-0379  | Emergency Generators (P005 and P006)                                 | 3131       | HP         | Tier IV engine<br>Good combustion practices                                                                                                             | 3632        | LB/H       |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency generator EU-6006                                          | 2800       | HP         | Tier II diesel engine                                                                                                                                   | 811         | TONS       |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                      | IN-0317  | Emergency fire pump EU-6008                                          | 750        | HP         | Engine that complies with Table 4 to Subpart IIII of Part 60                                                                                            | 217         | TONS       |
| 6/24/2019  | CHICKAHOMINY POWER LLC                            | VA-0332  | Emergency Diesel Generator - 300 kW                                  | 500        | H/YR       | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw. | 1203        | T/YR       |

**RBLC Entries for GHG Control from Emergency Engines**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                              | THROUGHPUT | THROUGHPUT       | Control Method                                                                                                                                                                                                                                                                                          | Limit No. 1 | Unit          |
|------------|-----------------------------------------------------|----------|-----------------------------------------------------------|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                         | MI-0442  | FGEMENGINE                                                |            | 1100 KW          |                                                                                                                                                                                                                                                                                                         | 444         | T/YR          |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                            | AR-0161  | Emergency Engines                                         |            | 0                | Good Combustion Practices                                                                                                                                                                                                                                                                               | 164         | LB/MMBTU      |
| 10/31/2019 | CONDENSATE SPLITTER FACILITY                        | TX-0872  | Emergency Generators                                      |            | 0                | Limiting duration and frequency of generator use to 100 hr/yr. Good combustion practices will be used to reduce VOC including maintaining proper air-to-fuel ratio.                                                                                                                                     | 0           |               |
| 11/26/2019 | INDECK NILES, LLC                                   | *MI-0445 | EUEMENGINE (diesel fuel emergency engine)                 |            | 22.68 MMBTU/H    | Good combustion practices                                                                                                                                                                                                                                                                               | 928         | T/YR          |
| 12/10/2019 | GREEN BAY PACKAGING- MILL DIVISION                  | WI-0297  | Diesel-Fired Emergency Fire Pump (P36)                    |            | 510 HP           |                                                                                                                                                                                                                                                                                                         | 200         | H/Y           |
| 1/6/2020   | FG LA COMPLEX                                       | LA-0364  | Emergency Generator Diesel Engines                        |            | 550 hp           | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage.                                                      | 0           |               |
| 1/6/2020   | FG LA COMPLEX                                       | LA-0364  | Emergency Fire Water Pumps                                |            | 550 hp           | Compliance with the limitations imposed by 40 CFR 63 Subpart IIII and operating the engine in accordance with the engine manufacturer's instructions and/or written procedures designed to maximize combustion efficiency and minimize fuel usage.                                                      | 0           |               |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                     | TX-0876  | Emergency generator                                       |            | 0                | Tier 4 exhaust emission standards specified in 40 CFR Â§ 1039.101, limited to 100 hours per year of non-emergency operation                                                                                                                                                                             | 0           |               |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                           | TX-0888  | EMERGENCY GENERATORS & FIRE WATER PUMP ENGINES            |            | 0                | well-designed and properly maintained engines and each limited to 100 hours per year of non-emergency use.                                                                                                                                                                                              | 0           |               |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-02 - North Water System Emergency Generator         |            | 2922 HP          | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                                                      | 0           |               |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-03 - South Water System Emergency Generator         |            | 2922 HP          | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                                                      | 0           |               |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-04 - Emergency Fire Water Pump                      |            | 920 HP           | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                                                      | 0           |               |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-07 - Air Separation Plant Emergency Generator       |            | 700 HP           | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                                                      | 0           |               |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-01 - Caster Emergency Generator                     |            | 2922 HP          | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                                                      | 0           |               |
| 8/13/2020  | GAS TREATMENT PLANT                                 | AK-0085  | One (1) Black Start Generator Engine                      |            | 186.6 gph        | Good combustion practices and limit operation to 500 hours per year                                                                                                                                                                                                                                     | 163.6       | LB/MMBTU      |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                         | WI-0300  | Emergency Diesel Generator (P07)                          |            | 1490 HP          | Certified to at least meet EPA's criteria for Tier 2 reciprocating internal combustion engines and the 40 CFR 60, Subpart IIII emission limitations, operation limited to 500 hours/year, and operate and maintain generator according to the manufacturer's recommendations.                           | 0           |               |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL                    | LA-0383  | Emergency Engines (EQTO011 - EQTO016)                     |            | 0                | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                      | 0           |               |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY           | TX-0905  | EMERGENCY GENERATOR                                       |            | 0                | limited to 100 hours per year of non-emergency operation                                                                                                                                                                                                                                                | 0           |               |
| 12/9/2020  | NORFOLK NAVAL SHIPYARD                              | VA-0333  | One (1) emergency engine generator                        |            | 2220 HP          |                                                                                                                                                                                                                                                                                                         | 2,543       | LB            |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Emergency diesel generator engine (EUEMRGRICE1 in FGRICE) |            | 500 h/yr         | Good Combustion and Design Practices                                                                                                                                                                                                                                                                    | 590         | T/YR          |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Emergency diesel generator engine (EUEMRGRICE2 in FGRICE) |            | 500 h/yr         | Good Combustion and Design Practices                                                                                                                                                                                                                                                                    | 209         | T/YR          |
| 12/18/2020 | GRAYLING PARTICLEBOARD                              | MI-0448  | Diesel fire pump engine (EUFIREPUMP in FGRICE)            |            | 500 h/yr         | Good Combustion and Design Practices                                                                                                                                                                                                                                                                    | 56          | T/YR          |
| 1/7/2021   | LBWL--ERICKSON STATION                              | MI-0447  | EUEMGD--emergency engine                                  |            | 4474.2 KW        | low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures.                                                                                                                                                                                              | 590         | T/YR          |
| 3/17/2021  | UNIT 5                                              | TX-0915  | DIESEL GENERATOR                                          |            | 0                | LIMITED 500 HR/YR OPERATION                                                                                                                                                                                                                                                                             | 0           |               |
| 11/17/2021 | NACERO PENWELL FACILITY                             | TX-0933  | Emergency Generators                                      |            | 0                | limited to 100 hours per year of non-emergency operation. EPA Tier 2 (40 CFR Â§ 1039.101) exhaust emission standards                                                                                                                                                                                    | 0           |               |
| 2/25/2022  | LACC LLC US - ETHYLENE PLANT                        | LA-0388  | Firewater Pump Engine No. 1 and 2                         |            | 575 hp           | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                  | 33          | T/YR          |
| 5/6/2022   | MIDWEST FERTILIZER COMPANY LLC                      | IN-0324  | emergency generator EU 014a                               |            | 3600 HP          |                                                                                                                                                                                                                                                                                                         | 1044        | TON/YR        |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1            | LA-0391  | Emergency Diesel Generator Engine                         |            | 2937 hp          | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                                                                                                                                         | 74.21       | KG/MM BTU     |
| 6/23/2022  | MEC NORTH, LLC                                      | MI-0451  | EUEMENGINE (North Plant): Emergency engine                |            | 1341 HP          | Good combustion practices                                                                                                                                                                                                                                                                               | 383         | T/YR          |
| 6/23/2022  | MEC SOUTH, LLC                                      | MI-0452  | EUEMENGINE (South Plant): Emergency engine                |            | 1341 HP          | Good combustion practices                                                                                                                                                                                                                                                                               | 383         | T/YR          |
| 7/7/2022   | LIQUEFACTION PLANT                                  | AK-0088  | Diesel Fire Pump Engine                                   |            | 27.9 Gal/hr      | Good Combustion Practices; Limited Operation;                                                                                                                                                                                                                                                           | 163.6       | LB/MMBTU      |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                          | IL-0133  | Emergency Engines                                         |            | 1250 kW          |                                                                                                                                                                                                                                                                                                         | 508         | TONS/YEAR     |
| 11/21/2022 | NUCOR STEEL ARKANSAS                                | AR-0177  | SN-230 Galvanizing Line No. 2 Emergency Generator         |            | 3634 Horsepower  |                                                                                                                                                                                                                                                                                                         | 163         | LB/MMBTU      |
| 12/20/2022 | LBWL-ERICKSON STATION                               | MI-0454  | EUEMGD                                                    |            | 4474.2 KW        | low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures.                                                                                                                                                                                              | 590         | T/YR          |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                | TX-0939  | EMERGENCY GENERATOR                                       |            | 18.7 MMBTU/HR    | GOOD COMBUSTION PRACTICES, LIMITED TO 100 HR/YR                                                                                                                                                                                                                                                         | 0           |               |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN1)                             |            | 3000 Horsepower  | Good engineering design and manufacturer's recommended operating and maintenance procedures.                                                                                                                                                                                                            | 163.6       | LB/MMBTU      |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Generators                                      |            | 0                | Good combustion practices                                                                                                                                                                                                                                                                               | 164         | LB/MMBTU      |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency generator                                       |            | 2012 hp          |                                                                                                                                                                                                                                                                                                         | 625         | TONS PER YEAR |
| 6/19/2023  | MAPLE CREEK ENERGY LLC                              | *IN-0365 | Emergency fire pump                                       |            | 420 brake hp     |                                                                                                                                                                                                                                                                                                         | 123         | TONS PER YEAR |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                         | *WI-0326 | Emergency Generator                                       |            | 1490 HP          | Selection of the most efficient reciprocating internal combustion engine and minimizing the hours of operation limits greenhouse gas emissions. EPA Tier 2 certified reciprocating internal combustion engine and limiting its hours of operation to 500 hours per each 12 consecutive calendar months. | 500         | HOURS         |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 06-22 - AO-5 Emergency Generator                          |            | 670.5 horsepower | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                                                                                                                                  | 0           |               |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 53-22 - PAO Emergency Generator                           |            | 670.5 horsepower | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                                                                                                                                     | 0           |               |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Emergency Generator Engine                                |            | 3985 hp          |                                                                                                                                                                                                                                                                                                         | 160         | TONS/YEAR     |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Emergency Generator (400 kW)                              |            | 619 HP           | Good Combustion Practices                                                                                                                                                                                                                                                                               | 180         | TONS          |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Emergency Generator (1000 kW)                             |            | 1000 kW          | Good Combustion Practices                                                                                                                                                                                                                                                                               | 389         | TONS          |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Emergency Generator (2000 kW)                             |            | 2000 kW          | Good Combustion Practices                                                                                                                                                                                                                                                                               | 778         | TONS          |
| 1/11/2024  | WABASH VALLEY RESOURCES, LLC                        | IN-0371  | Ammonia Plant Emergency Generator                         |            | 500 kW           | Good Combustion Practices                                                                                                                                                                                                                                                                               | 219         | TONS          |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUEMGD                                                    |            | 762 bhp          | Good combustion practices, use of current energy efficiency measures.                                                                                                                                                                                                                                   | 205         | T/YR          |

**RBLC Entries for GHG Control from Emergency Engines**

| Date       | Facility Name                                        | RBLC ID  | PROCESS NAME                              | THROUGHPUT | THROUGHPUT | Control Method                                                                                                                                                          | Limit No. 1 | Unit    |
|------------|------------------------------------------------------|----------|-------------------------------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|
| 7/24/2024  | MCA GEIMAR SITE                                      | *LA-0406 | Diesel Emergency Generator (EQT0012)      | 1140       | hp         | Proper equipment design and good combustion practices.<br>Use ultra-low sulfur diesel as fuel.<br>Compliance with 40 CFR 60 Subpart IIII.                               | 1.16        | G/HP-HR |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 2 (EQUI 26)           | 1049       | horsepower | Emergency classification, hourly restriction, and good combustion practices                                                                                             | 314         | TON/YR  |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 3 (EQUI 27)           | 1049       | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                            | 314         | TON/YR  |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 4 (EQUI 28)           | 1049       | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                            | 314         | TON/YR  |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 5 (EQUI 43)           | 772        | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                            | 231         | TON/YR  |
| 8/7/2024   | BLUE LAKE                                            | MN-0095  | Emergency Generator 6 (EQUI 43)           | 772        | horsepower | Emergency classification, hourly restriction, good combustion practices, and NSPS compliance                                                                            | 231         | TON/YR  |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4C-6A - C/A Emergency Generator A         | 2346       | horsepower | BACT is determined to be the implementation of the following energy efficiency measures: Improved Combustion Measures, Insulation, and Minimization of Air Infiltration | 0           |         |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4C-6B - C/A Emergency Generator B         | 2346       | horsepower | BACT is determined to be the implementation of the following energy efficiency measures: Improved Combustion Measures, Insulation, and Minimization of Air Infiltration | 0           |         |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4C-6C - C/A Emergency Generator C         | 2346       | horsepower | BACT is determined to be the implementation of the following energy efficiency measures: Improved Combustion Measures, Insulation, and Minimization of Air Infiltration | 0           |         |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-10 - Utility Emergency Generator       | 2012       | horsepower | BACT is determined to be the implementation of the following energy efficiency measures: Improved Combustion Measures, Insulation, and Minimization of Air Infiltration | 0           |         |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-12 - VCM/CA/UT CCR Emergency Generator | 760        | horsepower | BACT is determined to be the implementation of the following energy efficiency measures: Improved Combustion Measures, Insulation, and Minimization of Air Infiltration | 0           |         |
| 2/14/2025  | DUKE ENERGY INDIANA, INC.- CAYUGA GENERATING STATION | IN-0382  | Emergency Generators                      | 2000       | HP         | good combustion practices                                                                                                                                               | 0           |         |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                        | IN-0384  | Black Start Emergency Generators          | 3000       | kWe, each  |                                                                                                                                                                         | 0           |         |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                        | IN-0384  | plant emergency generator                 | 1500       | kWe        | GHG emissions of the plant emergency generator shall be controlled through the use of a good engineering design fuel efficient design, and limited operating hours.     | 0           |         |

# RBLC Entries for Nitrogen Oxides Control from Natural Gas Engines

| Date       | Facility Name                                                | RBLC ID  | PROCESS NAME                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit     |
|------------|--------------------------------------------------------------|----------|------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 5/21/2015  | RAMSEY GAS PLANT                                             | TX-0755  | Internal Combustion Compressor Engines                     | 206149     | MMBtu/yr        | Ultra Lean-burn engines firing natural gas                                                                                                                                            | 0.5         | G/HP HR  |
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                                  | LA-0292  | Waukesha 16V-275GL Compressor Engines Nos. 1-12            | 5000       | HP              | Lean-burn combustion, use of natural gas as fuel, good equipment design, and proper combustion techniques                                                                             | 4.96        | LB/HR    |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION            | KS-0030  | Spark ignition RICE emergency AC generators                | 450        | kW              |                                                                                                                                                                                       | 2           | G/HP-HR  |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION            | KS-0030  | Spark ignition RICE electricity generating units (EGUs)    | 10         | MW              |                                                                                                                                                                                       | 2.13        | LB/H     |
| 6/3/2016   | DTE GAS COMPANY--MILFORD COMPRESSOR STATION                  | MI-0420  | EUN_EM_GEN                                                 | 225        | H/YR            | Low NOx design (turbo charger and after cooler) and good combustion practices.                                                                                                        | 4.8         | LB/H     |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET              | MI-0424  | EUNENGINE (Emergency engine--natural gas)                  | 500        | H/YR            | Good combustion practices.                                                                                                                                                            | 2           | G/HP-H   |
| 3/17/2017  | GOLD COAST PACKING                                           | CA-1240  | Internal Combustion Engine                                 | 881        | bhp             | SCR catalyst-Urea injection                                                                                                                                                           | 5           | PPMVD    |
| 3/24/2017  | DTE GAS COMPANY - MILFORD COMPRESSOR STATION                 | MI-0426  | EUN_EM_GEN (Natural gas emergency engine).                 | 205        | H/YR            | Low NOx design (turbo charger and after cooler) and good combustion practices.                                                                                                        | 4           | LB/H     |
| 12/21/2018 | LBWL--ERICKSON STATION                                       | MI-0441  | EUEMGNG1--A 1500 HP natural gas fueled emergency engine    | 1500       | HP              | Burn natural gas and be NSPS compliant.                                                                                                                                               | 2           | G/HP-H   |
| 12/21/2018 | LBWL--ERICKSON STATION                                       | MI-0441  | EUEMGNG2                                                   | 6000       | HP              | Burn natural gas and be NSPS compliant                                                                                                                                                | 2           | G/HP-H   |
| 2/14/2019  | NUCOR STEEL FLORIDA FACILITY                                 | FL-0368  | Emergency Engines                                          | 0          |                 | Good combustion practices                                                                                                                                                             | 2           | G/HP-HR  |
| 5/22/2019  | MICHIGAN STATE UNIVERSITY                                    | MI-0440  | FGENGINES                                                  | 16500      | HP              | Selective catalytic reduction                                                                                                                                                         | 0.5         | G/HP-H   |
| 6/9/2019   | BIG RIVER STEEL LLC                                          | AR-0163  | Lime Injector Burners                                      | 0          |                 | Low NOx burners<br>Combustion of clean fuel<br>Good Combustion Practices                                                                                                              | 0.095       | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                             | KS-0041  | J2001E                                                     | 660        | BHP             | NSCR                                                                                                                                                                                  | 0.2507      | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                             | KS-0041  | J2002E                                                     | 660        | BHP             | NSCR                                                                                                                                                                                  | 0.2507      | LB/MMBTU |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                      | KY-0110  | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 2           | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                      | KY-0110  | EP 10-06 - Tempering Furnace Rolls Emergency Generator     | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 2           | G/HP-HR  |
| 10/19/2021 | CENTURION BROWNSVILLE                                        | TX-0930  | Firewater Pumps                                            | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |          |
| 4/25/2022  | SINOVA SILICON LLC                                           | TN-0183  | Emergency natural gas-fired engine                         | 2682       | HP              |                                                                                                                                                                                       | 7.1         | LB/HR    |
| 5/5/2022   | WEST VIRGINIA STEEL MILL                                     | *WV-0034 | Emergency Generator                                        | 2000       | hp              | Subpart JJJJ Certification<br>100 Hours/Yr Usage Limit                                                                                                                                | 8.82        | LB/HR    |
| 8/31/2022  | TENNESSEE VALLEY AUTHORITY - JOHNSONVILLE COMBUSTION TURBINE | *TN-0187 | 2,952 HP black-start emergency engine                      | 2.08       | MMBtu/hr        | good combustion and operating practices                                                                                                                                               | 2           | G/HP-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK          | MI-0459  | FG-ENGINES                                                 | 29147      | BHP             | Selective catalytic reduction, lean burn combustion.                                                                                                                                  | 0.5         | G/B-HP-H |

**RBLC Entries for Carbon Monoxide Control from Natural Gas Engines**

| Date       | Facility Name                                                | RBLC ID  | PROCESS NAME                                                | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit     |
|------------|--------------------------------------------------------------|----------|-------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 5/21/2015  | RAMSEY GAS PLANT                                             | TX-0755  | Internal Combustion Compressor Engines                      | 206149     | MMBtu/yr        | Ultra Lean-burn engines firing residue gas (with low carbon density) which is equivalent to natural gas, and use of oxidation catalysts                                               | 0.083       | G/HP HR  |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION            | KS-0030  | Spark ignition RICE emergency AC generators                 | 450        | kW              |                                                                                                                                                                                       | 4           | G/HP-HR  |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION            | KS-0030  | Spark ignition RICE electricity generating units (EGUs)     | 10         | MW              |                                                                                                                                                                                       | 3.86        | LB/H     |
| 6/3/2016   | DTE GAS COMPANY--MILFORD COMPRESSOR STATION                  | MI-0420  | EUN_EM_GEN                                                  | 225        | H/YR            | Good combustion practices and clean burn fuel (pipeline quality natural gas).                                                                                                         | 9.6         | LB/H     |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET              | MI-0424  | EUNENGINE (Emergency engine--natural gas)                   | 500        | H/YR            | Oxidation catalyst and good combustion practices.                                                                                                                                     | 0.8         | G/HP-H   |
| 3/17/2017  | GOLD COAST PACKING                                           | CA-1240  | Internal Combustion Engine                                  | 881        | bhp             | Oxidation catalyst                                                                                                                                                                    | 54          | PPMVD    |
| 3/24/2017  | DTE GAS COMPANY - MILFORD COMPRESSOR STATION                 | MI-0426  | EUN_EM_GEN (Natural gas emergency engine).                  | 205        | H/YR            | Good combustion practices and clean burn fuel (pipeline quality natural gas).                                                                                                         | 11          | LB/H     |
| 12/21/2018 | LBWL--ERICKSON STATION                                       | MI-0441  | EUEMGNG1--A 1500 HP natural gas fueled emergency engine     | 1500       | HP              | Burn natural gas and be NSPS compliant                                                                                                                                                | 4           | G/HP-H   |
| 12/21/2018 | LBWL--ERICKSON STATION                                       | MI-0441  | EUEMGNG2                                                    | 6000       | HP              | Burn natural gas and be NSPS compliant.                                                                                                                                               | 4           | G/HP-H   |
| 2/14/2019  | NUCOR STEEL FLORIDA FACILITY                                 | FL-0368  | Emergency Engines                                           | 0          |                 | good combustion practices                                                                                                                                                             | 4           | G-HP-HR  |
| 5/22/2019  | MICHIGAN STATE UNIVERSITY                                    | MI-0440  | FGENGINES                                                   | 16500      | HP              | Oxidation catalyst                                                                                                                                                                    | 0.3         | G/HP-H   |
| 6/9/2019   | BIG RIVER STEEL LLC                                          | AR-0163  | Lime Injector Burners                                       | 0          |                 | Combustion of Natural gas and Good Combustion Practices                                                                                                                               | 0.0824      | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                             | KS-0041  | J2001E                                                      | 660        | BHP             | NSCR                                                                                                                                                                                  | 0.31        | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                             | KS-0041  | J2002E                                                      | 660        | BHP             | NSCR                                                                                                                                                                                  | 0.38        | LB/MMBTU |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                      | KY-0110  | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator  | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 4           | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                      | KY-0110  | EP 10-06 - Tempering Furnace Rolls Emergency Generator      | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 4           | G/HP-HR  |
| 10/19/2021 | CENTURION BROWNSVILLE                                        | TX-0930  | Firewater Pumps                                             | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |          |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT           | WI-0314  | Reciprocating Internal Combustion Engine (RICE) (P101-P107) | 152.3      | MMBTU/H         | Use of good combustion practices and use of oxidation catalyst                                                                                                                        | 4.43        | LB/H     |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT           | WI-0314  | Emergency Generator (P111)                                  | 10.4       | MMBTU/H         | Use of good combustion practices and total hours of operation may not exceed 200 hours in any 12-consecutive-month period                                                             | 4           | G/B-HP-H |
| 4/25/2022  | SINOVA SILICON LLC                                           | TN-0183  | Emergency natural gas-fired engine                          | 2682       | HP              |                                                                                                                                                                                       | 13.01       | LB/HR    |
| 5/5/2022   | WEST VIRGINIA STEEL MILL                                     | *WV-0034 | Emergency Generator                                         | 2000       | hp              | Subpart IIIJ Certification<br>100 Hours/Yr Usage Limit                                                                                                                                | 17.64       | LB/HR    |
| 8/31/2022  | TENNESSEE VALLEY AUTHORITY - JOHNSONVILLE COMBUSTION TURBINE | *TN-0187 | 2,952 HP black-start emergency engine                       | 2.08       | MMBTu/hr        | good combustion and operating practices                                                                                                                                               | 4           | G/HP-HR  |
| 3/8/2024   | WASSON CO2 REMOVAL PLANT                                     | TX-0969  | COMPRESSORS OFF-LINE (AOS)                                  | 0          |                 | PROCESS FIELD GAS DIVERTED TO FLARE, GOOD COMBUSTION PRACTICES                                                                                                                        | 0           |          |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK          | MI-0459  | FG-ENGINES                                                  | 29147      | BHP             | Catalytic oxidation, good combustion practices.                                                                                                                                       | 0.3         | G/B-HP-H |

**RBLC Entries for PM<sub>10</sub> Control from Natural Gas Engines**

| Date       | Facility Name                                       | RBLC ID | PROCESS NAME                                                | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit     |
|------------|-----------------------------------------------------|---------|-------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030 | Spark Ignition RICE emergency AC generators                 | 450        | KW              |                                                                                                                                                                                       | 0.0001      | G/HP-HR  |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030 | Spark Ignition RICE electricity generating units (EGUs)     | 10         | MW              |                                                                                                                                                                                       | 1.31        | LB/H     |
| 6/3/2016   | DTE GAS COMPANY--MILFORD COMPRESSOR STATION         | MI-0420 | EUN_EM_GEN                                                  | 225        | H/YR            | Good combustion practices and low sulfur fuel (pipeline quality natural gas).                                                                                                         | 0.01        | LB/MMBTU |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET     | MI-0424 | EUNENGINE (Emergency engine--natural gas)                   | 500        | H/YR            | Good combustion practices.                                                                                                                                                            | 0.01        | LB/MMBTU |
| 3/24/2017  | DTE GAS COMPANY - MILFORD COMPRESSOR STATION        | MI-0426 | EUN_EM_GEN (Natural gas emergency engine).                  | 205        | H/YR            | Good combustion practices and low sulfur fuel (pipeline quality natural gas).                                                                                                         | 0.01        | LB/MMBTU |
| 12/21/2018 | LBWL--ERICKSON STATION                              | MI-0441 | EUEMONG1--A 1500 HP natural gas fueled emergency engine     | 1500       | HP              | Burn pipeline quality natural gas                                                                                                                                                     | 0.13        | LB/H     |
| 12/21/2018 | LBWL--ERICKSON STATION                              | MI-0441 | EUEMONG2                                                    | 6000       | HP              | Burn pipeline quality natural gas.                                                                                                                                                    | 0.5         | LB/H     |
| 5/22/2019  | MICHIGAN STATE UNIVERSITY                           | MI-0440 | FGENGINES                                                   | 16500      | HP              | Natural gas and good combustion practices                                                                                                                                             | 3           | LB/H     |
| 6/9/2019   | BIG RIVER STEEL LLC                                 | AR-0163 | Lime Injector Burners                                       | 0          |                 | Combustion of Natural gas and Good Combustion Practices                                                                                                                               | 0.0075      | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                    | KS-0041 | J2001E                                                      | 660        | BHP             | Proper combustion and operation                                                                                                                                                       | 0.0194      | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                    | KS-0041 | J2002E                                                      | 660        | BHP             | Proper combustion and operation                                                                                                                                                       | 0.0194      | LB/MMBTU |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110 | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator  | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110 | EP 10-06 - Tempering Furnace Rolls Emergency Generator      | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |          |
| 10/19/2021 | CENTURION BROWNSVILLE                               | TX-0930 | Firewater Pumps                                             | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |          |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT  | WI-0314 | Reciprocating Internal Combustion Engine (RICE) (P101-P107) | 152.3      | MMBTU/H         | Use of good combustion practices and use of pipeline quality natural gas                                                                                                              | 2.37        | LB/H     |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT  | WI-0314 | Emergency Generator (P111)                                  | 10.4       | MMBTU/H         | Use of good combustion practices, use of pipeline quality natural gas, and total hours of operation may not exceed 200 hours in any 12-consecutive-month period.                      | 0           |          |
| 4/25/2022  | SINOVA SILICON LLC                                  | TN-0183 | Emergency natural gas-fired engine                          | 2682       | HP              |                                                                                                                                                                                       | 0.1         | LB/HR    |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459 | FG-ENGINES                                                  | 29147      | BHP             | Good combustion practices.                                                                                                                                                            | 4           | LB/H     |

**RBLC Entries for PM<sub>2.5</sub> Control from Natural Gas Engines**

| Date       | Facility Name                                       | RBLC ID | PROCESS NAME                                                | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit     |
|------------|-----------------------------------------------------|---------|-------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                         | LA-0292 | Waukesha 16V-275GL Compressor Engines Nos. 1-12             | 5000       | HP              | Use of natural gas as fuel, good equipment design, and proper combustion techniques                                                                                                   | 0.003       | LB/HR    |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030 | Spark ignition RICE emergency AC generators                 | 450        | KW              |                                                                                                                                                                                       | 0.0001      | G/HP-HR  |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030 | Spark ignition RICE electricity generating units (EGUs)     | 10         | MW              |                                                                                                                                                                                       | 1.31        | LB/H     |
| 6/3/2016   | DTE GAS COMPANY--MILFORD COMPRESSOR STATION         | MI-0420 | EUN_EM_GEN                                                  | 225        | H/YR            | Good combustion practices and low sulfur fuel (pipeline quality natural gas).                                                                                                         | 0.01        | LB/MMBTU |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET     | MI-0424 | EUNENGINE (Emergency engine--natural gas)                   | 500        | H/YR            | Good combustion practices.                                                                                                                                                            | 0.01        | LB/MMBTU |
| 3/24/2017  | DTE GAS COMPANY - MILFORD COMPRESSOR STATION        | MI-0426 | EUN_EM_GEN (Natural gas emergency engine).                  | 205        | H/YR            | Good combustion practices and low sulfur fuel (pipeline quality natural gas).                                                                                                         | 0.01        | LB/MMBTU |
| 12/21/2018 | LBWL--ERICKSON STATION                              | MI-0441 | EUEMGNG1--A 1500 HP natural gas fueled emergency engine     | 1500       | HP              | Burn pipeline quality natural gas                                                                                                                                                     | 0.13        | LB/H     |
| 12/21/2018 | LBWL--ERICKSON STATION                              | MI-0441 | EUEMGNG2                                                    | 6000       | HP              | Burn pipeline quality natural gas.                                                                                                                                                    | 0.5         | LB/H     |
| 5/22/2019  | MICHIGAN STATE UNIVERSITY                           | MI-0440 | FGENGINES                                                   | 16500      | HP              | Natural gas and good combustion practices                                                                                                                                             | 3           | LB/H     |
| 6/9/2019   | BIG RIVER STEEL LLC                                 | AR-0163 | Lime Injector Burners                                       | 0          |                 | Combustion of Natural gas and Good Combustion Practices                                                                                                                               | 0.0075      | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                    | KS-0041 | J2001E                                                      | 660        | BHP             | Proper combustion and operation                                                                                                                                                       | 0.0194      | LB/MMBTU |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                    | KS-0041 | J2002E                                                      | 660        | BHP             | Proper combustion and operation                                                                                                                                                       | 0.0194      | LB/MMBTU |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110 | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator  | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110 | EP 10-06 - Tempering Furnace Rolls Emergency Generator      | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |          |
| 10/19/2021 | CENTURION BROWNSVILLE                               | TX-0930 | Firewater Pumps                                             | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |          |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT  | WI-0314 | Reciprocating Internal Combustion Engine (RICE) (P101-P107) | 152.3      | MMBTU/H         | Use of good combustion practices and use of pipeline quality natural gas                                                                                                              | 2.37        | LB/H     |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT  | WI-0314 | Emergency Generator (P111)                                  | 10.4       | MMBTU/H         | Use of good combustion practices, use of pipeline quality natural gas, and total hours of operation may not exceed 200 hours in any 12-consecutive-month period.                      | 0           |          |
| 4/25/2022  | SINOVA SILICON LLC                                  | TN-0183 | Emergency natural gas-fired engine                          | 2682       | HP              |                                                                                                                                                                                       | 0.1         | LB/HR    |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459 | FG-ENGINES                                                  | 29147      | BHP             | Good combustion practices.                                                                                                                                                            | 4           | LB/H     |

**RBLC Entries for Sulfur Dioxide Control from Natural Gas Engines**

| Date       | Facility Name                    | RBLC ID | PROCESS NAME                                               | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit  |
|------------|----------------------------------|---------|------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY | KS-0041 | J2001E                                                     | 660        | BHP             | Low Sulfur Fuel Gas                                                                                                                                                                   | 162         | PPMV  |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY | KS-0041 | J2002E                                                     | 660        | BHP             | Low Sulfur Fuel Gas                                                                                                                                                                   | 162         | PPMV  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG          | KY-0110 | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |       |
| 7/23/2020  | NUCOR STEEL BRANDENBURG          | KY-0110 | EP 10-06 - Tempering Furnace Rolls Emergency Generator     | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |       |
| 10/19/2021 | CENTURION BROWNSVILLE            | TX-0930 | Firewater Pumps                                            | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |       |
| 4/25/2022  | SINOVA SILICON LLC               | TN-0183 | Emergency natural gas-fired engine                         | 2682       | HP              |                                                                                                                                                                                       | 0.0029      | LB/HR |
| 3/8/2024   | WASSON CO2 REMOVAL PLANT         | TX-0969 | COMPRESSORS OFF-LINE (AOS)                                 | 0          |                 | PROCESS FIELD GAS UP TO 9% H2S DIVERTED TO FLARE, GOOD COMBUSTION PRACTICES                                                                                                           | 0           |       |



**RBLC Entries for Volatile Organic Compounds Control from Natural Gas Engines**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                                         | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit            |
|------------|-----------------------------------------------------|----------|----------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 5/21/2015  | RAMSEY GAS PLANT                                    | TX-0755  | Internal Combustion Compressor Engines                               | 206149     | MMBtu/yr        | Ultra lean-burn engines firing residue gas which is equivalent to natural gas, , and use of oxidation catalysts                                                                       | 0.091       | G/HP-HR         |
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                         | LA-0292  | Waukesha 16V-275GL Compressor Engines Nos. 1-12                      | 5000       | HP              | CO oxidation catalyst, use of natural gas as fuel, good equipment design, and proper combustion techniques                                                                            | 1.25        | LB/HR           |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030  | Spark ignition RICE emergency AC generators                          | 450        | KW              |                                                                                                                                                                                       | 1           | G/HP-HR         |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030  | Spark ignition RICE electricity generating units (EGUs)              | 10         | MW              |                                                                                                                                                                                       | 5.82        | LB/H            |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET     | MI-0424  | EUNGENINE (Emergency engine--natural gas)                            | 500        | H/YR            | Oxidation catalyst and good combustion practices.                                                                                                                                     | 0.5         | G/HP-H          |
| 3/17/2017  | GOLD COAST PACKING                                  | CA-1240  | Internal Combustion Engine                                           | 881        | bhp             | Oxidation catalyst                                                                                                                                                                    | 25          | PPMVD           |
| 12/21/2018 | LBWL--ERICKSON STATION                              | MI-0441  | EUEMGNG1--A 1500 HP natural gas fueled emergency engine              | 1500       | HP              | Burn natural gas and be NSPS compliant                                                                                                                                                | 1           | G/HP-H          |
| 12/21/2018 | LBWL--ERICKSON STATION                              | MI-0441  | EUEMGNG2                                                             | 6000       | HP              | Burn natural gas and be NSPS compliant.                                                                                                                                               | 1           | G/HP-H          |
| 2/14/2019  | NUCOR STEEL FLORIDA FACILITY                        | FL-0368  | Emergency Engines                                                    | 0          |                 | Good combustion practices                                                                                                                                                             | 1           | G/HP-HR         |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                 | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1A                       | 161.4      | MMBtu/hour      | Oxidation Catalyst for each engine                                                                                                                                                    | 26          | PPMVD AT 15% O2 |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                 | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1B                       | 161.4      | MMBtu/hour      | Oxidation catalyst on each engine                                                                                                                                                     | 26          | PPMVD AT 15% O2 |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                 | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1C                       | 161.4      | MMBtu/hour      | Oxidation catalyst on each engine                                                                                                                                                     | 26          | PPMVD AT 15% O2 |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                 | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1D                       | 161.4      | MMBtu/hour      | Oxidation catalyst on each engine                                                                                                                                                     | 26          | PPMVD AT 15% O2 |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                 | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1E                       | 161.4      | MMBtu/hour      | Oxidation catalyst on each engine                                                                                                                                                     | 26          | PPMVD AT 15% O2 |
| 4/26/2019  | MACK AVENUE ASSEMBLY PLANT                          | MI-0443  | EUEMERGEN1                                                           | 500        | h/yr            |                                                                                                                                                                                       | 0.5         | G/HP-H          |
| 4/26/2019  | MACK AVENUE ASSEMBLY PLANT                          | MI-0443  | EUEMERGEN2                                                           | 500        | h/yr            |                                                                                                                                                                                       | 0.5         | G/HP-H          |
| 4/26/2019  | MACK AVENUE ASSEMBLY PLANT                          | MI-0443  | EUEMERGEN3                                                           | 500        | h/yr            |                                                                                                                                                                                       | 0.5         | G/HP-H          |
| 5/22/2019  | MICHIGAN STATE UNIVERSITY                           | MI-0440  | FGENGINES                                                            | 16500      | HP              | Oxidation catalyst                                                                                                                                                                    | 11          | LB/H            |
| 8/26/2019  | WARREN TRUCK ASSEMBLY PLANT                         | MI-0444  | FGNGEMENG (multiple emission units in this flexible group)           | 0          |                 | Combustion of pipeline quality natural gas only.                                                                                                                                      | 0.5         | G/HP-H          |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                    | KS-0041  | J2001E                                                               | 660        | BHP             | NSCR                                                                                                                                                                                  | 1           | G/HP-H          |
| 10/30/2019 | HOLLYFRONTIER EL DORADO REFINERY                    | KS-0041  | J2002E                                                               | 660        | BHP             | NSCR                                                                                                                                                                                  | 1           | G/HP-H          |
| 12/10/2019 | GREEN BAY PACKAGING- MILL DIVISION                  | WI-0297  | Natural Gas-fired Emergency Generator (P39)                          | 675        | HP              | Only fire natural gas.                                                                                                                                                                | 200         | H/Y             |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator           | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 1           | G/HP-HR         |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 10-06 - Tempering Furnace Rolls Emergency Generator               | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 1           | G/HP-HR         |
| 10/30/2020 | MACK AVENUE ASSEMBLY PLANT                          | *MI-0446 | EUEMERGEN1                                                           | 500        | h/yr            |                                                                                                                                                                                       | 0.5         | G/HP-H          |
| 10/30/2020 | MACK AVENUE ASSEMBLY PLANT                          | *MI-0446 | EUEMERGEN2                                                           | 500        | h/yr            |                                                                                                                                                                                       | 0.5         | G/HP-H          |
| 6/23/2021  | WARREN TRUCK ASSEMBLY PLANT                         | MI-0449  | FGNGEMENG (Natural gas fired emergency engine EUNGGEN1 in FGNGEMENG) | 0          |                 | Combustion of pipeline quality natural gas only                                                                                                                                       | 0.5         | G/HP-H          |
| 10/19/2021 | CENTURION BROWNSVILLE                               | TX-0930  | Firewater Pumps                                                      | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |                 |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT  | WI-0314  | Reciprocating Internal Combustion Engine (RICE) (P101-P107)          | 152.3      | MMBTU/H         | Use of good combustion practices and use of an oxidation catalyst.                                                                                                                    | 4.49        | LB/H            |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT  | WI-0314  | Emergency Generator (P111)                                           | 10.4       | MMBTU/H         | Use of good combustion practices and total hours of operation may not exceed 200 hours in any 12-consecutive-month period.                                                            | 1           | G/B-HP-H        |
| 4/25/2022  | SINOVA SILICON LLC                                  | TN-0183  | Emergency natural gas-fired engine                                   | 2682       | HP              |                                                                                                                                                                                       | 5.9         | LB/HR           |
| 5/5/2022   | WEST VIRGINIA STEEL MILL                            | *WV-0034 | Emergency Generator                                                  | 2000       | hp              | Subpart IIIJ Certification<br>100 Hours/Yr Usage Limit                                                                                                                                | 4.41        | LB/HR           |
| 3/8/2024   | WASSON CO2 REMOVAL PLANT                            | TX-0969  | COMPRESSORS OFF-LINE (AOS)                                           | 0          |                 | PROCESS FIELD GAS DIVERTED TO FLARE                                                                                                                                                   | 0           |                 |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | FG-ENGINES                                                           | 29147      | BHP             | Catalytic oxidation, good combustion practices.                                                                                                                                       | 20          | LB/H            |

**RBLC Entries for GHG Control from Natural Gas Engines**

| Date       | Facility Name                                                | RBLC ID  | PROCESS NAME                                                | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit                 |
|------------|--------------------------------------------------------------|----------|-------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|
| 1/22/2016  | HOLBROOK COMPRESSOR STATION                                  | LA-0292  | Waukesha 16V-275GL Compressor Engines Nos. 1-12             | 5000       | HP              |                                                                                                                                                                                       | 21170       | TPY                  |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION            | KS-0030  | Spark ignition RICE electricity generating units (EGUs)     | 10         | MW              |                                                                                                                                                                                       | 10692       | LB/H                 |
| 6/3/2016   | DTE GAS COMPANY--MILFORD COMPRESSOR STATION                  | MI-0420  | EUN EM GEN                                                  | 225        | H/YR            | Use of pipeline quality natural gas and energy efficiency measures.                                                                                                                   | 198         | T/YR                 |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS- EAST 5TH STREET               | MI-0424  | EUNGENINE (Emergency engine--natural gas)                   | 500        | H/YR            | Good combustion practices.                                                                                                                                                            | 116         | T/YR                 |
| 3/24/2017  | DTE GAS COMPANY - MILFORD COMPRESSOR STATION                 | MI-0426  | EUN EM GEN (Natural gas emergency engine).                  | 205        | H/YR            | Use of pipeline quality natural gas and energy efficiency measures.                                                                                                                   | 247         | T/YR                 |
| 6/14/2018  | MOCKINGBIRD HILL COMPRESSOR STATION                          | *WV-0031 | EG-1 - Auxiliary (Emergency) Generator                      | 755        | hp              | Engine Manufacturer's design; limited to natural gas; and tune-up the engine once every five years.                                                                                   | 0           |                      |
| 12/21/2018 | LBWL--ERICKSON STATION                                       | MI-0441  | EUEMGNG1--A 1500 HP natural gas fueled emergency engine     | 1500       | HP              | Burn pipeline quality natural gas                                                                                                                                                     | 300         | T/YR                 |
| 12/21/2018 | LBWL--ERICKSON STATION                                       | MI-0441  | EUEMGNG2                                                    | 6000       | HP              | Burn pipeline quality natural gas.                                                                                                                                                    | 1171        | T/YR                 |
| 2/14/2019  | NUCOR STEEL FLORIDA FACILITY                                 | FL-0368  | Emergency Engines                                           | 0          |                 | Good combustion practices                                                                                                                                                             | 117.1       | LB/MMBTU             |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                          | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1A              | 161.4      | MMBtu/hour      | Use of new natural gas-fired, thermally efficient SI RICE combined with good combustion and maintenance practices to maintain optimum efficiency                                      | 1110        | LB/MWH, BASED ON HHV |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                          | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1B              | 161.4      | MMBtu/hour      | Use of new natural gas-fired, thermally efficient SI RICE combined with good combustion and maintenance practices to maintain optimum efficiency                                      | 1110        | LB/MWH, BASED ON HHV |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                          | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1C              | 161.4      | MMBtu/hour      | Use of new natural gas-fired, thermally efficient SI RICE combined with good combustion and maintenance practices to maintain optimum efficiency                                      | 1110        | LB/MWH, BASED ON HHV |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                          | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1D              | 161.4      | MMBtu/hour      | Use of new natural gas-fired, thermally efficient SI RICE combined with good combustion and maintenance practices to maintain optimum efficiency                                      | 1110        | LB/MWH, BASED ON HHV |
| 4/3/2019   | ARVAH B. HOPKINS GENERATING STATION                          | FL-0370  | 18.82 MW SI Internal Combustion Engine Unit 1E              | 161.4      | MMBtu/hour      | Use of new natural gas-fired, thermally efficient SI RICE combined with good combustion and maintenance practices to maintain optimum efficiency                                      | 1110        | LB/MWH, BASED ON HHV |
| 5/22/2019  | MICHIGAN STATE UNIVERSITY                                    | MI-0440  | FGENGINES                                                   | 16500      | HP              | Utilize low-carbon fuels and implement energy efficiency measures and preventative maintenance pursuant to manufacturer recommendations.                                              | 48724       | T/YR                 |
| 12/10/2019 | GREEN BAY PACKAGING- MILL DIVISION                           | WI-0297  | Natural Gas-fired Emergency Generator (P39)                 | 675        | HP              | Only fire natural gas.                                                                                                                                                                | 200         | H/Y                  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                      | KY-0110  | EP 10-05 - Austenitizing Furnace Rolls Emergency Generator  | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |                      |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                      | KY-0110  | EP 10-06 - Tempering Furnace Rolls Emergency Generator      | 636        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                    | 0           |                      |
| 10/19/2021 | CENTURION BROWNSVILLE                                        | TX-0930  | Firewater Pumps                                             | 800        | HP              | Use of well-designed and properly maintained engines. Good combustion practices. Limited to 52 hours per year of non-emergency operation. Equipped with non-resettable runtime meter. | 0           |                      |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT           | WI-0314  | Reciprocating Internal Combustion Engine (RICE) (P101-P107) | 152.3      | MMBTU/H         | Use of good combustion practices and use of pipeline quality natural gas                                                                                                              | 1100        | LB/MWH ELEC. OUTPUT  |
| 3/10/2022  | WISCONSIN PUBLIC SERVICE CORPORATION- WESTON PLANT           | WI-0314  | Emergency Generator (P111)                                  | 10.4       | MMBTU/H         | Use of good combustion practices, use of pipeline quality natural gas, and the total hours of operation may not exceed 200 hours in any 12-consecutive-month period.                  | 0           |                      |
| 4/25/2022  | SINOVA SILICON LLC                                           | TN-0183  | Emergency natural gas-fired engine                          | 2682       | HP              |                                                                                                                                                                                       | 145.9       | TONS                 |
| 5/5/2022   | WEST VIRGINIA STEEL MILL                                     | *WV-0034 | Emergency Generator                                         | 2000       | hp              | 100 Hours/Yr Usage Limit                                                                                                                                                              | 1639        | LB/HR                |
| 8/31/2022  | TENNESSEE VALLEY AUTHORITY - JOHNSONVILLE COMBUSTION TURBINE | *TN-0187 | 2,952 HP black-start emergency engine                       | 2.08       | MMBtu/hr        | good combustion and operating practices                                                                                                                                               | 121.34      | TONS                 |
| 3/8/2024   | WASSON CO2 REMOVAL PLANT                                     | TX-0969  | COMPRESSORS OFF-LINE (AOS)                                  | 0          |                 | PROCESS FIELD GAS DIVERTED TO FLARE. GOOD COMBUSTION PRACTICES                                                                                                                        | 0           |                      |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK          | MI-0459  | FG-ENGINES                                                  | 29147      | BHP             | Good combustion practices, use of current energy efficiency measures.                                                                                                                 | 90268       | T/YR                 |

**RBLC Entries for Nitrogen Oxides Control from Firewater Pumps**

| Date       | Facility Name                                           | RBLC ID | PROCESS NAME                                                   | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                | Limit No. 1 | Unit       |
|------------|---------------------------------------------------------|---------|----------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                               | AK-0083 | Diesel Fired Well Pump                                         | 2.7        | MMBTU/H         | Limited Operation of 168 hr/yr.                                                                                                                                                                                                                                                                                                               | 4.41        | LB/MMBTU   |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082 | Airstrip Generator Engine                                      | 490        | hp              |                                                                                                                                                                                                                                                                                                                                               | 4.8         | GRAMS/HP-H |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082 | Agitator Generator Engine                                      | 98         | hp              |                                                                                                                                                                                                                                                                                                                                               | 5.6         | GRAMS/HP-H |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082 | Incinerator Generator Engine                                   | 102        | hp              |                                                                                                                                                                                                                                                                                                                                               | 4.9         | GRAMS/HP-H |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                            | LA-0309 | Firewater Pump Engines                                         | 288        | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                         | 3           | G/BHP-HR   |
| 6/5/2015   | KOHLER CO-METALS PROCESSING COMPLEX                     | WI-0271 | P10K " Diesel Powered Emergency Generator                      | 0          |                 | Expected NOx emission without controls are 0.59 tons/year and 5.9 pounds/hour. Given this low rate of NOx emissions, due to the 200 hour/year operational limitation, the Department believes, based on engineering judgment, that controls are not economically feasible for this unit. Thus, the RICE MACT remains the only control option. | 5.9         | LB/HR      |
| 8/25/2015  | LAUDERDALE PLANT                                        | FL-0354 | Emergency fire pump engine, 300 HP                             | 29         | MMBTU/H         | Low-emitting fuel and certified engine                                                                                                                                                                                                                                                                                                        | 4           | G / KWH    |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                    | OH-0366 | Emergency fire pump engine (P004)                              | 140        | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                            | 0.81        | LB/H       |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                | MD-0045 | EMERGENCY GENERATOR                                            | 1490       | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                          | 6.4         | G/KW-H     |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                | MD-0045 | EMERGENCY DIESEL ENGINE FOR FIRE WATER PUMP                    | 305        | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                          | 4           | G/KW-H     |
| 12/8/2015  | GRAIN PROCESSING CORPORATION                            | IN-0234 | EMERGENCY FIRE PUMP ENGINE                                     | 0          |                 | GOOD COMBUSTION PRACTICES                                                                                                                                                                                                                                                                                                                     | 9.5         | G/HP-H     |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                            | PA-0309 | Fire pump engine                                               | 15         | gal/hr          |                                                                                                                                                                                                                                                                                                                                               | 3           | GM/HP-HR   |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER                            | NY-0103 | Emergency fire pump                                            | 460        | hp              | Compliance demonstrated with vendor emission certification and adherence to vendor-specified maintenance recommendations.                                                                                                                                                                                                                     | 2.6         | G/BHP-H    |
| 2/15/2016  | WISCONSIN POWER & LIGHT - NEENAH GENERATING STATION     | WI-0263 | Fire pump (process P05)                                        | 1.27       | mmBtu/hr        | Good combustion practices, use diesel fuel, and operate <500 hr/yr                                                                                                                                                                                                                                                                            | 0           |            |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION              | NJ-0084 | Emergency Diesel Fire Pump                                     | 100        | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                                                                                                                                                                                              | 1.7         | LB/H       |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION       | KS-0030 | Compression ignition RICE emergency fire pump                  | 197        | HP              |                                                                                                                                                                                                                                                                                                                                               | 3           | G/HP-HR    |
| 6/17/2016  | GREENSVILLE POWER STATION                               | VA-0325 | DIESEL-FIRED WATER PUMP 376 bph (1)                            | 0          |                 | Good Combustion Practices/Maintenance                                                                                                                                                                                                                                                                                                         | 0           |            |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                            | NJ-0085 | EMERGENCY GENERATOR DIESEL                                     | 0          | 100 H/YR        | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                                                                                                                                                                                                 | 20.6        | LB/H       |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                            | NJ-0085 | EMERGENCY DIESEL FIRE PUMP                                     | 100        | H/YR            | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                                                                                                                                                                                                 | 2.05        | LB/H       |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                          | LA-0314 | Diesel Firewater pump engines (6 units)                        | 425        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                                                                                                                                                                                         | 0           |            |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                          | LA-0314 | Diesel emergency generator engine - EGEN                       | 350        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                                                                                                                                                                                         | 0           |            |
| 8/31/2016  | ST. CHARLES POWER STATION                               | LA-0313 | SCPS Emergency Diesel Firewater Pump 1                         | 282        | HP              | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                                                                                                                                                                                           | 1.87        | LB/H       |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                              | PA-0310 | Emergency Fire Pump Engine                                     | 0          |                 |                                                                                                                                                                                                                                                                                                                                               | 3           | G/BHP-HR   |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                  | OH-0367 | Emergency fire pump engine (P004)                              | 311        | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                            | 1.79        | LB/H       |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET         | MI-0424 | EUFPEENGINE (Emergency engine--diesel fire pump)               | 500        | H/YR            | Good combustion practices.                                                                                                                                                                                                                                                                                                                    | 3           | G/HP-H     |
| 1/4/2017   | INDECK NILES, LLC                                       | MI-0423 | EUFPEENGINE (Emergency engine--diesel fire pump)               | 1.66       | MMBTU/H         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                                                                                                                         | 3           | G/BHP-H    |
| 1/9/2017   | MONSANTO LULING PLANT                                   | LA-0323 | Standby Generator No. 9 Engine                                 | 400        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                            | 0           |            |
| 2/17/2017  | CAMERON LNG FACILITY                                    | LA-0316 | firewater pump engines (8 units)                               | 460        | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                         | 0           |            |
| 4/19/2017  | PALLAS NITROGEN LLC                                     | OH-0368 | Emergency Fire Pump Diesel Engine (P008)                       | 460        | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                       | 0.3         | LB/H       |
| 6/30/2017  | DONLIN GOLD PROJECT                                     | AK-0084 | Fire Pump Diesel Internal Combustion Engines                   | 252        | hp              | Good Combustion Practices                                                                                                                                                                                                                                                                                                                     | 3.7         | G/KW-HR    |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                  | OH-0370 | Emergency fire pump engine (P004)                              | 300        | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                            | 1.97        | LB/H       |
| 9/27/2017  | OREGON ENERGY CENTER                                    | OH-0372 | Emergency fire pump engine (P004)                              | 300        | HP              | State-of-the-art combustion design                                                                                                                                                                                                                                                                                                            | 1.97        | LB/H       |
| 10/23/2017 | GUERNSEY POWER STATION LLC                              | OH-0374 | Emergency Fire Pump (P006)                                     | 410        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII. Good combustion practices per the manufacturers operating manual                                                                                                                                                                                    | 2.7         | LB/H       |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                              | OH-0376 | Emergency diesel-fueled fire pump (P006)                       | 250        | HP              | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                                                                       | 1.6         | LB/H       |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295 | Emergency Diesel Generators                                    | 150        | hp              |                                                                                                                                                                                                                                                                                                                                               | 14.06       | G/HP-HR    |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295 | Emergency Diesel Generators                                    | 250        | hp              |                                                                                                                                                                                                                                                                                                                                               | 9.2         | G/KW-HR    |
| 3/22/2018  | FLAT ROCK ASSEMBLY PLANT                                | MI-0434 | EUFIREPUMPENGs (2 emergency fire pump engines)                 | 250        | BHP             | Good combustion practices.                                                                                                                                                                                                                                                                                                                    | 3           | G/B-HP-H   |
| 3/22/2018  | FLAT ROCK ASSEMBLY PLANT                                | MI-0434 | EULIFESAFETYENG - One diesel-fueled emergency engine/generator | 500        | KW              | Good combustion practices.                                                                                                                                                                                                                                                                                                                    | 4           | G/KW-H     |
| 4/19/2018  | HARRISON POWER                                          | OH-0377 | Emergency Fire Pump (P004)                                     | 320        | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                                                                                                                                                                             | 2.12        | LB/H       |
| 4/26/2018  | C4GT, LLC                                               | VA-0328 | Emergency Fire Water Pump                                      | 500        | HR/YR           | Good combustion practices and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                                                                                                                                                | 3           | G/HP-HR    |
| 5/2/2018   | PLAQUEMINES PLANT 1                                     | LA-0328 | Emergency Diesel Engine Pump P-39A                             | 375        | HP              | Good combustion practices and NSPS IIII                                                                                                                                                                                                                                                                                                       | 4           | G/KW-H     |
| 5/2/2018   | PLAQUEMINES PLANT 1                                     | LA-0328 | Emergency Diesel Engine Pump P-39B                             | 300        | HP              | Good combustion practices and NSPS Subpart IIII                                                                                                                                                                                                                                                                                               | 4           | G/KW-H     |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433 | EUFPEENGINE (South Plant): Fire pump engine                    | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                                                                                                                         | 3           | G/BHP-H    |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433 | EUFPEENGINE (North Plant): Fire pump engine                    | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                                                                                                                         | 3           | G/BHP-H    |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                                  | LA-0349 | IC Engines (18)                                                | 0          |                 | Comply with 40 CFR 60 Subpart IIII and Good Combustion Practices                                                                                                                                                                                                                                                                              | 0           |            |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT                  | MI-0435 | EUFPEENGINE: Fire pump engine                                  | 399        | BHP             | State of the art combustion design.                                                                                                                                                                                                                                                                                                           | 4           | G/KW-H     |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY                     | FL-0367 | Emergency Fire Pump Engine (347 HP)                            | 8700       | gal/year        | Operate and maintain the engine according to the manufacturer's written instructions                                                                                                                                                                                                                                                          | 4           | G/KW-HR    |

**RBLC Entries for Nitrogen Oxides Control from Firewater Pumps**

| Date       | Facility Name                            | RBLC ID  | PROCESS NAME                                                                    | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                          | Limit No. 1 | Unit      |
|------------|------------------------------------------|----------|---------------------------------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER           | IL-0129  | Firewater Pump Engine                                                           | 0          |                 |                                                                                                                                                                                                                                         | 0           |           |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT             | TX-0846  | FIRE PUMP DIESEL ENGINE                                                         | 214        | KW              | Meets EPA Tier 4 requirements                                                                                                                                                                                                           | 0.4         | G/KW      |
| 12/21/2018 | PITGCA PETROCHEMICAL COMPLEX             | OH-0378  | Firewater Pumps (P005 and P006)                                                 | 402        | HP              | Certified to meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII and employ good combustion practices per the manufacturers operating manual                                                                        | 2.64        | LB/H      |
| 12/31/2018 | JACKSON ENERGY CENTER                    | IL-0130  | Firewater Pump Engine                                                           | 420        | horsepower      |                                                                                                                                                                                                                                         | 4           | G/KW-HR   |
| 1/28/2019  | GRAYMONT WESTERN LIME-EDEN               | WI-0291  | P04 Emergency Diesel Generator                                                  | 0.22       | mmBTU/hr        | Good Combustion Practices                                                                                                                                                                                                               | 4.7         | G/KWH     |
| 2/6/2019   | PETMIN USA INCORPORATED                  | OH-0379  | Black Start Generator (P007)                                                    | 158        | HP              | Tier IV engine<br>Tier IV NSPS standards certified by engine manufacturer.                                                                                                                                                              | 0.104       | LB/H      |
| 2/14/2019  | NUCOR STEEL ARKANSAS                     | AR-0171  | SN-106 Cold Mill 1 Diesel Fired Emergency Generator                             | 1073       | bhp             | Good operating practices.                                                                                                                                                                                                               | 2           | G/KW-HR   |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY             | LA-0345  | IC engines (14 units)                                                           | 0          |                 | Comply with requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                                      | 0           |           |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY             | LA-0384  | IC Engines (EQT0153, EQT0154, EQT0156 - EQT0167)                                | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                                                                      | 0           |           |
| 6/24/2019  | CHICKAHOMINY POWER LLC                   | VA-0332  | Emergency Fire Water Pump                                                       | 500        | HR/YR           | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                 | 3           | G/HP-HR   |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX   | TX-0864  | EMERGENCY DIESEL ENGINE                                                         | 0          |                 | Tier 4 exhaust emission standards specified at 40 CFR § 1039.101(b)                                                                                                                                                                     | 0           |           |
| 11/26/2019 | INDECK NILES, LLC                        | *MI-0445 | EUFENGINE (Emergency engine-diesel fire pump)                                   | 1.66       | MMBTU/H         | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                    | 3           | G/BHP-H   |
| 12/12/2019 | EUEG-5 UNIT - GEISMAR PLANT              | *LA-0381 | Emergency Engines 2-19 and 3-19 (EQT0904 and EQT0905)                           | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                                                         | 0           |           |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER             | WI-0302  | Diesel-Fired Fire Pump Engine (P04)                                             | 290        | HP              | Only use diesel fuel oil with a sulfur content of no greater than 0.0015% by weight                                                                                                                                                     | 3.64        | LB/H      |
| 3/31/2020  | MONT BELVIEU NGL FRACTIONATION UNIT      | TX-0886  | EMERGENCY DIESEL ENGINE                                                         | 0          |                 | Limited operating hours, good combustion practices meets NSPS IIII Tier 3 engine                                                                                                                                                        | 0           |           |
| 4/27/2020  | WASHINGTON PARISH ENERGY CENTER          | *LA-0370 | Emergency Fire Pump Engine (EQT0021, ENG-1)                                     | 1.1        | MM BTU/hr       | The use of low sulfur fuels and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                  | 1.15        | LB/HR     |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 11-01 - Melt Shop Emergency Generator                                        | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                      | 2.98        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator                                   | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                      | 2.98        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator                                     | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                      | 2.98        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 11-04 - IT Emergency Generator                                               | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                      | 2.98        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 11-05 - Radio Tower Emergency Generator                                      | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                      | 3.5         | G/HP-HR   |
| 8/13/2020  | GAS TREATMENT PLANT                      | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators        | 19.4       | gph             | Good combustion practices, limit operation to 500 hours per year per engine                                                                                                                                                             | 3.6         | G/HP-HR   |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER              | WI-0300  | Emergency Diesel Fire Pump (P06)                                                | 282        | HP              | Operation limited to 500 hours/year and shall be operated and maintained according to the manufacturers recommendations.                                                                                                                | 3           | G/HP-H    |
| 2/18/2021  | SHELL POLYMERS MONACA SITE               | *PA-0326 | Emergency Generator Parking Garage                                              | 0          |                 | Use of certified engines, design of engines to include turbocharger and an intercooler/aftercooler, good combustion practices and proper operation and maintenance including certification to applicable federal emission standards     | 2.37        | GRAM      |
| 2/18/2021  | SHELL POLYMERS MONACA SITE               | *PA-0326 | Emergency Generator Telecom Hut & Tower                                         | 0          |                 | The use of certified engines, design of engines to include turbocharger and an intercooler/aftercooler, good combustion practices and proper operation and maintenance including certification to applicable federal emission standards | 2.83        | G         |
| 3/17/2021  | BIG RIVER STEEL LLC                      | AR-0168  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                 | 4.86        | G/KW-HR   |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                | AK-0086  | Diesel Fired Well Pump                                                          | 2.7        | MMBTU/hr        | Good Combustion Practices and Limited Use                                                                                                                                                                                               | 4.41        | LB/MMBTU  |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Cold Mill Complex Emergency Generator (EP 09-05)                                | 350        | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                        | 0           |           |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1             | LA-0379  | PVC Emergency Combustion Equipment A                                            | 450        | hp              | Good combustion practices/gaseous fuel burning.                                                                                                                                                                                         | 6.9         | G/HP-HR   |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1             | LA-0379  | PVC Emergency Combustion Equipment 2A and 2B                                    | 300        | hp              | Compliance with 40 CFR 60 Subpart IIII.                                                                                                                                                                                                 | 0.4         | G/KW-HR   |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY      | FL-0371  | Emergency Fire Pump Engine (347 HP)                                             | 2.46       | MMBTU/hour      |                                                                                                                                                                                                                                         | 4           | G/KW-HOUR |
| 1/31/2022  | BIG RIVER STEEL LLC                      | AR-0173  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                 | 3.9         | G/BHP-HR  |
| 1/31/2022  | BIG RIVER STEEL LLC                      | AR-0173  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                 | 14.06       | G/BHP-HR  |
| 4/29/2022  | WESTLAKE ETHYLENE PLANT                  | LA-0397  | Emergency Generators and Fire Water Pumps (EQT0027 - EQT0032, EQT0044, EQT0045) | 0          |                 | Compliance with applicable requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                       | 0           |           |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1 | LA-0391  | Emergency Diesel Fired Water Pump Engine                                        | 355        | hp              | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and use of ultra-low sulfur diesel fuel.                                                                                                                             | 3           | G/HP-HR   |
| 6/23/2022  | MEC NORTH, LLC                           | MI-0451  | EUFENGINE (North Plant): Fire Pump Engine                                       | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                                                                                   | 3           | G/B-HP-H  |
| 6/23/2022  | MEC SOUTH, LLC                           | MI-0452  | EUFENGINE (South Plant): Fire pump engine                                       | 300        | HP              | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                    | 3           | G/B-HP-H  |
| 7/7/2022   | LIQUEFACTION PLANT                       | AK-0088  | Auxiliary Air Compressor Engine                                                 | 14.6       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                                                                    | 0.45        | G/HP-HR   |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER               | IL-0133  | Fire Water Pump Engine                                                          | 320        | horsepower      |                                                                                                                                                                                                                                         | 4           | GRAMS     |
| 9/20/2022  | INTEL OHIO SITE                          | OH-0387  | 275 hp (205 kW) Diesel-Fired Emergency Fire Pump Engine                         | 275        | HP              | Certified to meet the standards in Table 4 of 40 CFR Part 60, Subpart IIII and good combustion practices                                                                                                                                | 4           | G/KW-H    |
| 11/21/2022 | NORFOLK CRUSH, LLC                       | NE-0064  | Emergency Fire Water Pump Engine 2                                              | 510        | hp              |                                                                                                                                                                                                                                         | 2.38        | G/HP-HR   |
| 12/20/2022 | LBWL-ERICKSON STATION                    | MI-0454  | EUFPRICE--A 315 HP diesel-fueled emergency engine                               | 2.5        | MMBTU/H         | Good combustion practices.                                                                                                                                                                                                              | 3           | G/HP-H    |

**RBLC Entries for Nitrogen Oxides Control from Firewater Pumps**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                         | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                  | Limit No. 1 | Unit     |
|------------|-----------------------------------------------------|----------|------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 12/22/2022 | IRON UNITS LLC                                      | OH-0388  | P010 - 225 Hp Diesel engine for bulk material screen | 225        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                                                                                                                             | 0.15        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                      | OH-0388  | P012 - 125 Hp Diesel Engine for Screen Bypass Screen | 125        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                                                                                                                             | 0.08        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                      | OH-0388  | P011 and P013 - 100 Hp Diesel Engine                 | 100        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                                                                                                                             | 0.07        | LB/H     |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN2)                        | 500        | Horsepower      | certified engine                                                                                                                                                                                                                                                                                | 3           | G/HP-HR  |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Water Pumps                                | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                                                         | 14.06       | G/BHP-HR |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                         | *WI-0326 | Fire Pump; S06/P06 * Emergency Diesel Fire Pump      | 282        | HP              | Good combustion practices and combusting clean fuels:<br>(a) P06 may not operate more than 500 hours per each 12 rolling calendar months.<br>(b) P06 shall be operated and maintained according to the manufacturers recommendations.<br>(c) NOx emissions from P06 may not exceed 3.0 g/hp-hr. | 3           | G/HP-HR  |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 05-22 - AO-5 BDL Area PAD Sump Pump Driver           | 200        | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                                                                                                                          | 1.26        | LB/HR    |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 52-22 - PAO Area PAD Sump Pump Driver                | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                                                                                                                             | 1.26        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | FWP-01 - Firewater Pump Engine No. 1                 | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                          | 3.96        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | FWP-02 - Firewater Pump Engine No. 2                 | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                          | 3.96        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | FWP-03 - Firewater Pump Engine No. 3                 | 237        | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                      | 1.49        | LB/HR    |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Firewater Pump Engine                                | 369        | hp              |                                                                                                                                                                                                                                                                                                 | 4           | G/KW-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUFIREPUMP                                           | 500        | bhp             |                                                                                                                                                                                                                                                                                                 | 4           | G/KW-H   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-11 - Substation Emergency Generator               | 70         | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                          | 0.4         | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11C - VCM Emergency Pump A                        | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                          | 0.98        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11D - VCM Emergency Pump B                        | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                          | 0.98        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11E - VCM Emergency Pump C                        | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                                          | 0.98        | LB/HR    |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                       | IN-0384  | emergency fire water pump                            | 282        | bhp             | Good combustion practices, low sulfur fuel                                                                                                                                                                                                                                                      | 2.85        | G        |

**RBLC Entries for Carbon Monoxide Control from Firewater Pumps**

| Date       | Facility Name                                           | RBLC ID  | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                       | Limit No. 1 | Unit       |
|------------|---------------------------------------------------------|----------|-----------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                               | AK-0083  | Diesel Fired Well Pump                              | 2.7        | MMBTU/H         | Limited Operation of 168 hr/yr.                                                                                                                                      | 0.95        | LB/MMBTU   |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082  | Airstrip Generator Engine                           | 490        | hp              |                                                                                                                                                                      | 2.6         | GRAMS/HP-H |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082  | Agitator Generator Engine                           | 98         | hp              |                                                                                                                                                                      | 3.7         | GRAMS/HP-H |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082  | Incinerator Generator Engine                        | 102        | hp              |                                                                                                                                                                      | 3.7         | GRAMS/HP-H |
| 6/4/2015   | BENTLEER STEEL TUBE FACILITY                            | LA-0309  | Firewater Pump Engines                              | 288        | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                | 0           |            |
| 8/25/2015  | LAUDERDALE PLANT                                        | FL-0354  | Emergency fire pump engine, 300 HP                  | 29         | MMBTU/H         | Low-emitting fuel and certified engine                                                                                                                               | 3.5         | G / KWH    |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                    | OH-0366  | Emergency fire pump engine (P004)                   | 140        | HP              | State-of-the-art combustion design                                                                                                                                   | 1.15        | LB/H       |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                | MD-0045  | EMERGENCY GENERATOR                                 | 1490       | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES                                                                                                 | 3.5         | G/KW-H     |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                | MD-0045  | EMERGENCY DIESEL ENGINE FOR FIRE WATER PUMP         | 305        | HP              | USE OF ULTRA LOW SULFUR DIESEL AND GOOD COMBUSTION PRACTICES                                                                                                         | 3.5         | G/KW-H     |
| 12/8/2015  | GRAIN PROCESSING CORPORATION                            | IN-0234  | EMERGENCY FIRE PUMP ENGINE                          | 0          |                 | GOOD COMBUSTION PRACTICES                                                                                                                                            | 2.01        | G/HP-H     |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                            | PA-0309  | Fire pump engine                                    | 15         | gal/hr          |                                                                                                                                                                      | 0.5         | GM/HP-HR   |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER                            | NY-0103  | Emergency fire pump                                 | 460        | hp              | Compliance demonstrated with vendor emission certification and adherence to vendor-specified maintenance recommendations.                                            | 0.53        | G/BHP-H    |
| 2/15/2016  | WISCONSIN POWER & LIGHT - NEENAH GENERATING STATION     | WI-0263  | Fire pump (process P05)                             | 1.27       | mmBtu/hr        | Good combustion practices, use diesel fuel, and operate <500 hr/yr                                                                                                   | 0           |            |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                          | FL-0356  | One 422-hp emergency fire pump engine               | 0          |                 | Use of clean engine technology                                                                                                                                       | 3.5         | G / KW-HR  |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION              | NJ-0084  | Emergency Diesel Fire Pump                          | 100        | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                     | 1.1         | LB/H       |
| 6/8/2016   | BEAUMONT TERMINAL                                       | TX-0799  | EMERGENCY ENGINES                                   | 0          |                 | Equipment specifications and good combustion practices. Operation limited to 100 hours per year.                                                                     | 0.0068      | LB/HP-HR   |
| 6/17/2016  | GREENSVILLE POWER STATION                               | VA-0325  | DIESEL-FIRED WATER PUMP 376 bph (1)                 | 0          |                 | Good Combustion Practices/Maintenance                                                                                                                                | 2.6         | G/HP-H     |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                            | NJ-0085  | EMERGENCY GENERATOR DIESEL                          | 0          | 100 H/YR        | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation (<= 100 H/YR)                                                          | 11.6        | LB/H       |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                            | NJ-0085  | EMERGENCY DIESEL FIRE PUMP                          | 100        | H/YR            | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                        | 1.87        | LB/H       |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                          | LA-0314  | Diesel Firewater pump engines (6 units)             | 425        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                | 0           |            |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                          | LA-0314  | Diesel emergency generator engine - EGEN            | 350        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                | 0           |            |
| 8/31/2016  | ST. CHARLES POWER STATION                               | LA-0313  | SCPS Emergency Diesel Firewater Pump 1              | 282        | HP              | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                  | 1.62        | LB/H       |
| 9/2/2016   | CPV FAIRVIEW ENERGY CENTER                              | PA-0310  | Emergency Fire Pump Engine                          | 0          |                 |                                                                                                                                                                      | 2.61        | G/BHP-HR   |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                  | OH-0367  | Emergency fire pump engine (P004)                   | 311        | HP              | State-of-the-art combustion design                                                                                                                                   | 1.79        | LB/H       |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET         | MI-0424  | EUPENGINE (Emergency engine--diesel fire pump)      | 500        | H/YR            | Good combustion practices.                                                                                                                                           | 3.7         | G/HP-H     |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                                    | *LA-0306 | Generator Engine DEG-16-1 (EQTO35)                  | 460        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                     | 3.18        | LB/H       |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                                    | *LA-0306 | Pump Engines DFP-16-1 (EQTO36)                      | 225        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                     | 1.55        | LB/H       |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                                    | *LA-0306 | Pump Engine DFP-16-2 (EQTO37)                       | 225        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                     | 1.55        | LB/H       |
| 1/4/2017   | INDECK NILES, LLC                                       | MI-0423  | EUPENGINE (Emergency engine--diesel fire pump)      | 1.66       | MMBTU/H         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                | 2.6         | G/BHP-H    |
| 1/9/2017   | MONSANTO LULING PLANT                                   | LA-0323  | Standby Generator No. 9 Engine                      | 400        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                   | 0           |            |
| 2/17/2017  | CAMERON LNG FACILITY                                    | LA-0316  | firewater pump engines (8 units)                    | 460        | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                | 0           |            |
| 4/19/2017  | PALLAS NITROGEN LLC                                     | OH-0368  | Emergency Fire Pump Diesel Engine (P008)            | 460        | HP              | good combustion control and operating practices and engines designed to meet the standards of 40 CFR Part 60, Subpart IIII                                           | 2.6         | LB/H       |
| 6/30/2017  | DONLIN GOLD PROJECT                                     | AK-0084  | Fire Pump Diesel Internal Combustion Engines        | 252        | hp              | Good Combustion Practices                                                                                                                                            | 3.3         | G/KW-HR    |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                  | OH-0370  | Emergency fire pump engine (P004)                   | 300        | HP              | State-of-the-art combustion design                                                                                                                                   | 1.73        | LB/H       |
| 9/27/2017  | OREGON ENERGY CENTER                                    | OH-0372  | Emergency fire pump engine (P004)                   | 300        | HP              | state of the art combustion design                                                                                                                                   | 1.73        | LB/H       |
| 10/23/2017 | GUERNSEY POWER STATION LLC                              | OH-0374  | Emergency Fire Pump (P006)                          | 410        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII. Good combustion practices per the manufacturers operating manual.          | 2.36        | LB/H       |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                               | FL-0363  | Emergency Fire Pump Engine (422 hp)                 | 0          |                 | Certified engine                                                                                                                                                     | 3.5         | G / KWH    |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                              | OH-0376  | Emergency diesel-fueled fire pump (P006)            | 250        | HP              | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                              | 1.4         | LB/H       |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295  | Emergency Diesel Generators                         | 150        | hp              |                                                                                                                                                                      | 3.08        | G/KW-HR    |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295  | Emergency Diesel Generators                         | 250        | hp              |                                                                                                                                                                      | 3.08        | G/HP-HR    |
| 4/19/2018  | HARRISON POWER                                          | OH-0377  | Emergency Fire Pump (P004)                          | 320        | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                    | 1.83        | LB/H       |
| 4/26/2018  | C4GT, LLC                                               | VA-0328  | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                       | 2.6         | G/HP HR    |
| 5/2/2018   | PLAQUEMINES PLANT 1                                     | LA-0328  | Emergency Diesel Engine Pump P-39A                  | 375        | HP              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                               | 3.5         |            |
| 5/2/2018   | PLAQUEMINES PLANT 1                                     | LA-0328  | Emergency Diesel Engine Pump P-39B                  | 300        | HP              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                               | 3.5         |            |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433  | EUPENGINE (South Plant): Fire pump engine           | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                | 2.6         | G/BPH-H    |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433  | EUPENGINE (North Plant): Fire pump engine           | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                                | 2.6         | G/BPH-H    |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                                  | LA-0349  | IC Engines (18)                                     | 0          |                 | Comply with 40 CFR 60 Subpart IIII and Good Combustion Practices                                                                                                     | 0           |            |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT                  | MI-0435  | EUPENGINE: Fire pump engine                         | 399        | BHP             | State of the art combustion design.                                                                                                                                  | 3.5         | G/KW-H     |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY                     | FL-0367  | Emergency Fire Pump Engine (347 HP)                 | 8700       | gal/year        | Operate and maintain the engine according to the manufacturer's written instructions                                                                                 | 3.5         | G/KW-HOUR  |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                          | IL-0129  | Firewater Pump Engine                               | 0          |                 |                                                                                                                                                                      | 0           |            |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT                            | TX-0846  | FIRE PUMP DIESEL ENGINE                             | 214        | kW              | Meets EPA Tier 4 requirements                                                                                                                                        | 3.58        | G/KW       |
| 12/21/2018 | LBWL--ERICKSON STATION                                  | MI-0441  | EUPPRICE--A 315 HP diesel fueled emergency engine   | 2.5        | MMBTU/H         | Good combustion practices.                                                                                                                                           | 2.6         | G/HP-H     |
| 12/21/2018 | PTTGC PETROCHEMICAL COMPLEX                             | OH-0378  | Firewater Pumps (P005 and P006)                     | 402        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII and employ good combustion practices per the manufacturers operating manual | 2.31        | LB/H       |
| 12/31/2018 | JACKSON ENERGY CENTER                                   | IL-0130  | Firewater Pump Engine                               | 420        | horsepower      |                                                                                                                                                                      | 3.5         | G/KW-HR    |
| 1/28/2019  | GRAYMONT WESTERN LIME-EDEN                              | WI-0291  | P04 Emergency Diesel Generator                      | 0.22       | mmBTU/hr        | Good Combustion Practices                                                                                                                                            | 5           | G/KWH      |
| 2/14/2019  | NUCOR STEEL ARKANSAS                                    | AR-0171  | SN-106 Cold Mill 1 Diesel Fired Emergency Generator | 1073       | bhp             | Good operating practices.                                                                                                                                            | 4           | G/KW-HR    |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                            | LA-0345  | IC engines (14 units)                               | 0          |                 | Comply with requirements of 40 CFR 60 Subpart IIII                                                                                                                   | 0           |            |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                            | LA-0384  | IC Engines (EQTO153, EQTO154, EQTO156 - EQTO167)    | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                   | 0           |            |

**RBLC Entries for Carbon Monoxide Control from Firewater Pumps**

| Date       | Facility Name                                         | RBLC ID  | PROCESS NAME                                                                    | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                  | Limit No. 1 | Unit      |
|------------|-------------------------------------------------------|----------|---------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 6/24/2019  | CHICKAHOMINY POWER LLC                                | VA-0332  | Emergency Fire Water Pump                                                       | 500        | HR/YR           | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                                                                                        | 2.6         | G/HP-H    |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX                | TX-0864  | EMERGENCY DIESEL ENGINE                                                         | 0          |                 | Tier 4 exhaust emission standards specified at 40 CFR § 1039.101(b)                                                                                                                                                                                                             | 0           |           |
| 11/26/2019 | INDECK NILES, LLC                                     | *MI-0445 | EUPENGINE (Emergency engine-diesel fire pump                                    | 1.66       | MMBTU/H         | Good Combustion Practices and meeting NSPS Subpart III requirements                                                                                                                                                                                                             | 2.6         | G/BHP-H   |
| 12/12/2019 | EUEG-5 UNIT - GEISMAR PLANT                           | *LA-0381 | Emergency Engines 2-19 and 3-19 (EQT0904 and EQT0905)                           | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                 | 0           |           |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                          | WI-0302  | Diesel-Fired Fire Pump Engine (P04)                                             | 290        | HP              | Good combustion practices                                                                                                                                                                                                                                                       | 0.33        | LB/H      |
| 4/27/2020  | WASHINGTON PARISH ENERGY CENTER                       | *LA-0370 | Emergency Fire Pump Engine (EQT0021, ENG-1)                                     | 1.1        | MM BTU/hr       | The use of low sulfur fuels and compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                          | 0.4         | LB/HR     |
| 7/17/2020  | PETMIN USA INCORPORATED                               | OH-0383  | Black Start Generator (P007)                                                    | 158        | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                                                                                                                     | 0.0644      | T/YR      |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-01 - Melt Shop Emergency Generator                                        | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                              | 2.61        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator                                   | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                              | 2.61        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator                                     | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                              | 2.61        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-04 - IT Emergency Generator                                               | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                              | 2.61        | G/HP-HR   |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-05 - Radio Tower Emergency Generator                                      | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                              | 3.73        | G/HP-HR   |
| 8/8/2020   | SWEENEY OLD OCEAN FACILITIES                          | TX-0889  | Emergency Generator Engines                                                     | 0          |                 | Good combustion practices and limited hours of operation                                                                                                                                                                                                                        | 100         | HR/YR     |
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators        | 19.4       | gph             | Good combustion practices, limit operation to 500 hours per year per engine                                                                                                                                                                                                     | 3.3         | G/HP-HR   |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                           | WI-0300  | Emergency Diesel Fire Pump (P06)                                                | 282        | HP              | Operation limited to 500 hours/year and shall be operated and maintained according to the manufacturers recommendations.                                                                                                                                                        | 2.6         | G/HP-H    |
| 1/7/2021   | LBWL--ERICKSON STATION                                | MI-0447  | EUPPRICE--A 315 HP diesel fueled emergency engine                               | 2.5        | MMBTU/H         | Good combustion practices                                                                                                                                                                                                                                                       | 2.6         | G/HP-H    |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                            | *PA-0326 | Emergency Generator Parking Garage                                              | 0          |                 | The use of certified engines, design of engines to include turbocharger and an intercooler/aftercooler, good combustion practices and proper operation and maintenance including certification to applicable federal emission standards                                         | 0.5         | G         |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                            | *PA-0326 | Emergency Generator Telecom Hut & Tower                                         | 0          |                 | The use of certified engines, design of engines to include turbocharger and an intercooler/aftercooler, good combustion practices and proper operation and maintenance including certification to applicable federal emission standards                                         | 0.5         | G         |
| 3/17/2021  | BIG RIVER STEEL LLC                                   | AR-0168  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                                         | 3.5         | G/KW-HR   |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                             | AK-0086  | Diesel Fired Well Pump                                                          | 2.7        | MMBTU/hr        | Good Combustion Practices and Limited Use                                                                                                                                                                                                                                       | 0.95        | LB/MMBTU  |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                             | KY-0115  | Cold Mill Complex Emergency Generator (EP 09-05)                                | 350        | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                                                                                                                | 0           |           |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1                          | LA-0379  | PVC Emergency Combustion Equipment A                                            | 450        | hp              | Good combustion practices/gaseous fuel burning.                                                                                                                                                                                                                                 | 8.5         | G/HP-HR   |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1                          | LA-0379  | PVC Emergency Combustion Equipment 2A and 2B                                    | 300        | hp              | Compliance with 40 CFR 60 Subpart IIII.                                                                                                                                                                                                                                         | 2.6         | G/HP-HR   |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                   | FL-0371  | Emergency Fire Pump Engine (347 HP)                                             | 2.46       | MMBTU/hour      |                                                                                                                                                                                                                                                                                 | 3.5         | G/KW-HOUR |
| 1/31/2022  | BIG RIVER STEEL LLC                                   | AR-0173  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                                         | 0.9         | G/BHP-HR  |
| 1/31/2022  | BIG RIVER STEEL LLC                                   | AR-0173  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                                         | 3.03        | G/BHP-HR  |
| 4/29/2022  | WESTLAKE ETHYLENE PLANT                               | LA-0397  | Emergency Generators and Fire Water Pumps (EQT0027 - EQT0032, EQT0044, EQT0045) | 0          |                 | Compliance with applicable requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                                                               | 0           |           |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1              | LA-0391  | Emergency Diesel Fired Water Pump Engine                                        | 355        | hp              | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                                                                                                                 | 2.6         | G/HP-HR   |
| 6/23/2022  | MEC NORTH, LLC                                        | MI-0451  | EUPENGINE (North Plant): Fire Pump Engine                                       | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                                                            | 2.6         | G/B-HP-H  |
| 6/23/2022  | MEC SOUTH, LLC                                        | MI-0452  | EUPENGINE (South Plant): Fire pump engine                                       | 300        | HP              | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                                                                                                                                            | 2.6         | G/B-HP-H  |
| 7/7/2022   | LIQUEFACTION PLANT                                    | AK-0088  | Auxiliary Air Compressor Engine                                                 | 14.6       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                                                                                                            | 3.3         | G/HP-HR   |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                            | IL-0133  | Fire Water Pump Engine                                                          | 320        | horsepower      |                                                                                                                                                                                                                                                                                 | 3.5         | GRAMS     |
| 9/20/2022  | INTEL OHIO SITE                                       | OH-0387  | 275 hp (205 kW) Diesel-Fired Emergency Fire Pump Engine                         | 275        | HP              | Certified to meet the standards in Table 4 of 40 CFR Part 60, Subpart IIII and good combustion practices                                                                                                                                                                        | 3.5         | G/KW-H    |
| 12/20/2022 | LBWL-ERICKSON STATION                                 | MI-0454  | EUPPRICE--A 315 HP diesel-fueled emergency engine                               | 2.5        | MMBTU/H         | Good combustion practices.                                                                                                                                                                                                                                                      | 2.6         | G/HP-H    |
| 12/22/2022 | IRON UNITS LLC                                        | OH-0388  | P010 - 225 Hp Diesel engine for bulk material screen                            | 225        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                                                                                                             | 1.29        | LB/H      |
| 12/22/2022 | IRON UNITS LLC                                        | OH-0388  | P012 - 125 Hp Diesel Engine for Screen Bypass Screen                            | 125        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                                                                                                             | 1.03        | LB/H      |
| 12/22/2022 | IRON UNITS LLC                                        | OH-0388  | P011 and P013 - 100 Hp Diesel Engine                                            | 100        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                                                                                                             | 0.83        | LB/H      |
| 3/30/2023  | NUCOR STEEL                                           | IN-0359  | Emergency Generator (CC-GEN2)                                                   | 500        | Horsepower      | oxidation catalyst and certified engine                                                                                                                                                                                                                                         | 2.61        | G/HP-HR   |
| 4/28/2023  | HYBAR LLC                                             | AR-0180  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                                         | 3.03        | G/BHP-HR  |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                           | *WI-0326 | Fire Pump; S06/P06 * Emergency Diesel Fire Pump                                 | 282        | HP              | Good combustion practices:<br>(a) P06 may not operate more than 500 hours per each 12 rolling calendar months.<br>(b) P06 shall be operated and maintained according to the manufacturers recommendations.<br>(c) Carbon monoxide emission from P06 may not exceed 2.6 g/hp-hr. | 2.6         | G/HP-HR   |
| 12/12/2023 | GEISMAR PLANT                                         | *LA-0394 | 05-22 - AO-5 BDL Area PAD Sump Pump Driver                                      | 200        | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                                                                                                          | 1.14        | LB/HR     |
| 12/12/2023 | GEISMAR PLANT                                         | *LA-0394 | 52-22 - PAO Area PAD Sump Pump Driver                                           | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                                                                                                             | 1.14        | LB/HR     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                          | *LA-0401 | FWP-01 - Firewater Pump Engine No. 1                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                          | 3.44        | LB/HR     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                          | *LA-0401 | FWP-02 - Firewater Pump Engine No. 2                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                          | 3.44        | LB/HR     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                          | *LA-0401 | FWP-03 - Firewater Pump Engine No. 3                                            | 237        | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                                                                      | 0.5         | LB/HR     |
| 12/21/2023 | CRONUS CHEMICALS                                      | IL-0134  | Firewater Pump Engine                                                           | 369        | hp              |                                                                                                                                                                                                                                                                                 | 3.5         | G/KW-HR   |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK   | MI-0459  | EUPFIREPUMP                                                                     | 500        | bhp             | Good combustion practices                                                                                                                                                                                                                                                       | 3.5         | G/KW-H    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-11 - Substation Emergency Generator                                          | 70         | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                          | 0.58        | LB/HR     |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11C - VCM Emergency Pump A                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                          | 1.15        | LB/HR     |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11D - VCM Emergency Pump B                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                          | 1.15        | LB/HR     |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11E - VCM Emergency Pump C                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                                          | 1.15        | LB/HR     |
| 2/14/2025  | DUKE ENERGY INDIANA, INC. - CAYUGA GENERATING STATION | IN-0382  | Emergency fire pump                                                             | 300        | hp              | good combustion practices                                                                                                                                                                                                                                                       | 0           |           |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                         | IN-0384  | emergency fire water pump                                                       | 282        | bhp             | Good Combustion practices, low sulfur fuel                                                                                                                                                                                                                                      | 2.6         | G         |

**RBLC Entries for PM<sub>10</sub> Control from Firewater Pumps**

| Date       | Facility Name                                           | RBLC ID  | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit         |
|------------|---------------------------------------------------------|----------|-----------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                               | AK-0083  | Diesel Fired Well Pump                              | 2.7        | MMBTU/H         | Limited Operation of 168 hr/yr.                                                                                                                                                       | 0.31        | LB/MMBTU     |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082  | Airstrip Generator Engine                           | 490        | hp              |                                                                                                                                                                                       | 0.15        | GRAMS/HP-H   |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082  | Agitator Generator Engine                           | 98         | hp              |                                                                                                                                                                                       | 0.3         | GRAMS/HP-H   |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                       | AK-0082  | Incinerator Generator Engine                        | 102        | hp              |                                                                                                                                                                                       | 0.22        | GRAMS/HP-H   |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                            | LA-0309  | Firewater Pump Engines                              | 288        | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                 | 0.15        | G/BHP-HR     |
| 6/5/2015   | KOHLER CO-METALS PROCESSING COMPLEX                     | WI-0271  | P10K " Diesel Powered Emergency Generator           | 0          |                 | BACT is the use of ultra-low sulfur distillate in the generator. Compliance with this requirement will be determined using sulfur content testing for all shipments of fuel received. | 0.29        | /B/HR        |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY                    | KS-0029  | Emergency diesel engine                             | 750        | KW              | Low sulfur fuel oil (<15 ppm sulfur)                                                                                                                                                  | 0.15        | G PER BHP-HR |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                    | OH-0366  | Emergency fire pump engine (P004)                   | 140        | HP              | State-of-the-art combustion design                                                                                                                                                    | 0.07        | LB/H         |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                | MD-0045  | EMERGENCY GENERATOR                                 | 1490       | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES.                                                                                                                 | 0.18        | G/HP-H       |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                                | MD-0045  | EMERGENCY DIESEL ENGINE FOR FIRE WATER PUMP         | 305        | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES.                                                                                                                 | 0.18        | G/HP-H       |
| 12/8/2015  | GRAIN PROCESSING CORPORATION                            | IN-0234  | EMERGENCY FIRE PUMP ENGINE                          | 0          |                 | GOOD COMBUSTION PRACTICES                                                                                                                                                             | 0.16        | G/HP-H       |
| 12/23/2015 | LACKAWANNA ENERGY CTR/ESSUP                             | PA-0309  | Fire pump engine                                    | 15         | gal/hr          |                                                                                                                                                                                       | 0.11        | GM/HP-HR     |
| 2/15/2016  | WISCONSIN POWER & LIGHT - NEENAH GENERATING STATION     | WI-0263  | Fire pump (process P05)                             | 1.27       | mmBtu/hr        | Good combustion practices, use diesel fuel with sulfur content < 15 ppm, and operate <500 hr/yr                                                                                       | 0           |              |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION              | NJ-0084  | Emergency Diesel Fire Pump                          | 100        | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                                      | 0.1         | LB/H         |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION       | KS-0030  | Compression ignition RICE emergency fire pump       | 197        | HP              |                                                                                                                                                                                       | 0.15        | G/HP-HR      |
| 6/17/2016  | GREENSVILLE POWER STATION                               | VA-0325  | DIESEL-FIRED WATER PUMP 376 bph (1)                 | 0          |                 | Ultra Low Sulfur Diesel/Fuel (15 ppm max)                                                                                                                                             | 0.3         | G/HP-H       |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                            | NJ-0085  | EMERGENCY GENERATOR DIESEL                          | 0          | 100 H/YR        | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                                         | 0.661       | LB/H         |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                            | NJ-0085  | EMERGENCY DIESEL FIRE PUMP                          | 100        | H/YR            | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                                         | 0.108       | LB/H         |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                          | LA-0314  | Diesel Firewater pump engines (6 units)             | 425        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                                 | 0           |              |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                          | LA-0314  | Diesel emergency generator engine - EGEN            | 350        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                                 | 0           |              |
| 8/31/2016  | ST. CHARLES POWER STATION                               | LA-0313  | SCPS Emergency Diesel Firewater Pump 1              | 282        | HP              | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                                   | 0.09        | LB/H         |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                  | OH-0367  | Emergency fire pump engine (P004)                   | 311        | HP              | State-of-the-art combustion design                                                                                                                                                    | 0.1         | LB/H         |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET         | MI-0424  | EUFPEENGINE (Emergency engine--diesel fire pump)    | 500        | H/YR            | Good combustion practices.                                                                                                                                                            | 0.09        | LB/MMBTU     |
| 1/4/2017   | INDECK NILES, LLC                                       | MI-0423  | EUFPEENGINE (Emergency engine--diesel fire pump)    | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                                             | 0.57        | LB/H         |
| 1/9/2017   | MONSANTO LULING PLANT                                   | LA-0323  | Standby Generator No. 9 Engine                      | 400        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                    | 0           |              |
| 2/17/2017  | CAMERON LNG FACILITY                                    | LA-0316  | firewater pump engines (8 units)                    | 460        | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                 | 0           |              |
| 4/19/2017  | PALLAS NITROGEN LLC                                     | OH-0368  | Emergency Fire Pump Diesel Engine (P008)            | 460        | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                               | 0.02        | LB/H         |
| 6/30/2017  | DONLIN GOLD PROJECT                                     | AK-0084  | Fire Pump Diesel Internal Combustion Engines        | 252        | hp              | Clean Fuel and Good Combustion Practices                                                                                                                                              | 0.19        | G/KW-HR      |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                  | OH-0370  | Emergency fire pump engine (P004)                   | 300        | HP              | Ultra low sulfur diesel fuel                                                                                                                                                          | 0.1         | LB/H         |
| 9/27/2017  | OREGON ENERGY CENTER                                    | OH-0372  | Emergency fire pump engine (P004)                   | 300        | HP              | Ultra low sulfur diesel fuel                                                                                                                                                          | 0.1         | LB/H         |
| 10/23/2017 | GUERNSEY POWER STATION LLC                              | OH-0374  | Emergency Fire Pump (P006)                          | 410        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII. Good combustion practices per the manufacturers operating manual.                           | 0.13        | LB/H         |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                              | OH-0376  | Emergency diesel-fueled fire pump (P006)            | 250        | HP              | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                               | 0.1         | LB/H         |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295  | Emergency Diesel Generators                         | 150        | hp              |                                                                                                                                                                                       | 1.34        | G/KW-HR      |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295  | Emergency Diesel Generators                         | 250        | hp              |                                                                                                                                                                                       | 1.34        | G/KW-HR      |
| 4/19/2018  | HARRISON POWER                                          | OH-0377  | Emergency Fire Pump (P004)                          | 320        | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                     | 0.11        | LB/H         |
| 4/26/2018  | C4GT, LLC                                               | VA-0328  | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                       | 0.15        | G/HP HR      |
| 5/2/2018   | PLAQUEMINES PLANT 1                                     | LA-0328  | Emergency Diesel Engine Pump P-39A                  | 375        | HP              | Compliance with 40 CFR 60 Subpart IIII.                                                                                                                                               | 0.2         |              |
| 5/2/2018   | PLAQUEMINES PLANT 1                                     | LA-0328  | Emergency Diesel Engine Pump P-39B                  | 300        | HP              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                | 0.2         |              |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433  | EUFPEENGINE (South Plant): Fire pump engine         | 300        | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                      | 0.66        | LB/H         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433  | EUFPEENGINE (North Plant): Fire pump engine         | 300        | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                      | 0.66        | LB/H         |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                                  | LA-0349  | IC Engines (18)                                     | 0          |                 | Comply with 40 CFR 60 Subpart IIII and Good Combustion Practices                                                                                                                      | 0           |              |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT                  | MI-0435  | EUFPEENGINE: Fire pump engine                       | 399        | BHP             | State of the art combustion design.                                                                                                                                                   | 0.13        | LB/H         |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT                            | TX-0864  | FIRE PUMP DIESEL ENGINE                             | 214        | KW              | Meets EPA Tier 4 requirements                                                                                                                                                         | 0.02        | G/KW         |
| 12/21/2018 | LBWL--ERICKSON STATION                                  | MI-0441  | EUFPRICE--A 315 HP diesel fueled emergency engine   | 2.5        | MMBTU/H         | Ultra low sulfur diesel fuel and good combustion practices.                                                                                                                           | 0.12        | LB/H         |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                             | OH-0378  | Firewater Pumps (P005 and P006)                     | 402        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII and employ good combustion practices per the manufacturers operating manual                  | 0.13        | LB/H         |
| 2/6/2019   | PETMIN USA INCORPORATED                                 | OH-0379  | Black Start Generator (P007)                        | 158        | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                           | 5.22        | X10-3 LB/H   |
| 2/14/2019  | NUCOR STEEL ARKANSAS                                    | AR-0171  | SN-106 Cold Mill 1 Diesel Fired Emergency Generator | 1073       | bhp             | Good operating practices.                                                                                                                                                             | 0.2         | G/KW-HR      |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                            | LA-0345  | IC engines (14 units)                               | 0          |                 | Comply with requirements of 40 CFR 60 Subpart IIII                                                                                                                                    | 0           |              |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                            | LA-0384  | IC Engines (EQT0153, EQT0154, EQT0156 - EQT0167)    | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                    | 0           |              |
| 6/24/2019  | CHICKAHOMINY POWER LLC                                  | VA-0332  | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                              | 0.15        | G/HP-HR      |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX                  | TX-0864  | EMERGENCY DIESEL ENGINE                             | 0          |                 | Tier 4 exhaust emission standards specified at 40 CFR § 1039.101(b)                                                                                                                   | 0           |              |
| 11/26/2019 | INDECK NILES, LLC                                       | *MI-0445 | EUFPEENGINE (Emergency engine--diesel fire pump     | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                                             | 0.57        | LB/H         |



**RBLC Entries for PM<sub>10</sub> Control from Firewater Pumps**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                                                    | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                               | Limit No. 1 | Unit     |
|------------|-----------------------------------------------------|----------|---------------------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 12/12/2019 | EUEG-5 UNIT - GEISMAR PLANT                         | *LA-0381 | Emergency Engines 2-19 and 3-19 (EQT0904 and EQT0905)                           | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII, limit operation to <= 100 hrs/yr                                                                                            | 0           |          |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                        | WI-0302  | Diesel-Fired Fire Pump Engine (P04)                                             | 290        | HP              | Good combustion practices, use diesel fuel oil with sulfur content of no greater than 0.0015% by weight.                                                                     | 0.11        | LB/H     |
| 4/27/2020  | WASHINGTON PARISH ENERGY CENTER                     | *LA-0370 | Emergency Fire Pump Engine (EQT0021, ENG- 1)                                    | 1.1        | MM BTU/hr       | The use of low sulfur fuels and compliance with 40 CFR 60 Subpart IIII                                                                                                       | 0.04        | LB/HR    |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 11-01 - Melt Shop Emergency Generator                                        | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                           | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator                                   | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                           | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator                                     | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                           | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 11-04 - IT Emergency Generator                                               | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                           | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                             | KY-0110  | EP 11-05 - Radio Tower Emergency Generator                                      | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                           | 0.3         | G/HP-HR  |
| 8/13/2020  | GAS TREATMENT PLANT                                 | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators        | 19.4       | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year per engine                                                                                        | 0.19        | G/HP-HR  |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                         | WI-0300  | Emergency Diesel Fire Pump (P06)                                                | 282        | HP              | Operation limited to 500 hours/year, sulfur content of diesel fuel oil fired may not exceed 15 ppm, and operate and maintain according to the manufacturers recommendations. | 0.15        | G/HP-H   |
| 1/7/2021   | LBWL--ERICKSON STATION                              | MI-0447  | EUFPRICE--A 315 HP diesel fueled emergency engine                               | 2.5        | MMBTU/H         | Ultra low sulfur diesel fuel and good combustion practices                                                                                                                   | 0.12        | LB/H     |
| 3/17/2021  | BIG RIVER STEEL LLC                                 | AR-0168  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                      | 0.2         | G/KW-HR  |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                           | AK-0086  | Diesel Fired Well Pump                                                          | 2.7        | MMBTU/hr        | Good Combustion Practices and Limited Use                                                                                                                                    | 0.31        | LB/MMBTU |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                           | KY-0115  | Cold Mill Complex Emergency Generator (EP 09-05)                                | 350        | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                             | 0.15        | G/HP-HR  |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1                        | LA-0379  | PVC Emergency Combustion Equipment A                                            | 450        | hp              | Good combustion practices/gaseous fuel burning.                                                                                                                              | 0.4         | G/HP-HR  |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1                        | LA-0379  | PVC Emergency Combustion Equipment 2A and 2B                                    | 300        | hp              | Compliance with 40 CFR 60 Subpart IIII.                                                                                                                                      | 0.15        | G/HP-HR  |
| 1/31/2022  | BIG RIVER STEEL LLC                                 | AR-0173  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                      | 0.1         | G/BHP-HR |
| 1/31/2022  | BIG RIVER STEEL LLC                                 | AR-0173  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                      | 1           | G/BHP-HR |
| 4/29/2022  | WESTLAKE ETHYLENE PLANT                             | LA-0397  | Emergency Generators and Fire Water Pumps (EQT0027 - EQT0032, EQT0044, EQT0045) | 0          |                 | Compliance with applicable requirements of 40 CFR 60 Subpart IIII                                                                                                            | 0           |          |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1            | LA-0391  | Emergency Diesel Fired Water Pump Engine                                        | 355        | hp              | Compliance with 40 CFR 60 Subpart IIII standards, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                    | 0.15        | G/HP-HR  |
| 6/23/2022  | MEC NORTH, LLC                                      | MI-0451  | EUFENGINE (North Plant): Fire Pump Engine                                       | 300        | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                             | 0.66        | LB/H     |
| 6/23/2022  | MEC SOUTH, LLC                                      | MI-0452  | EUFENGINE (South Plant): Fire pump engine                                       | 300        | HP              | Diesel particulate filter, Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                              | 0.66        | LB/H     |
| 7/7/2022   | LIQUEFACTION PLANT                                  | AK-0088  | Auxiliary Air Compressor Engine                                                 | 14.6       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                         | 0.022       | G/HP-HR  |
| 9/20/2022  | INTEL OHIO SITE                                     | OH-0387  | 275 hp (205 kW) Diesel-Fired Emergency Fire Pump Engine                         | 275        | HP              | Certified to meet the standards in Table 4 of 40 CFR Part 60, Subpart IIII and good combustion practices                                                                     | 0.6         | LB/H     |
| 9/27/2022  | GENERAL MOTORS LLC ORION ASSEMBLY                   | MI-0453  | FGEMENGINES                                                                     | 500        | h/yr            | Hours of Operation Restriction, Good Combustion Practices, Compliance with NSPS                                                                                              | 0.15        | G/B-HP-H |
| 12/20/2022 | LBWL-ERICKSON STATION                               | MI-0454  | EUFPRICE--A 315 HP diesel-fueled emergency engine                               | 2.5        | MMBTU/H         | Ultra low sulfur diesel fuel and good combustion practices.                                                                                                                  | 0.69        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                      | OH-0388  | P010 - 225 Hp Diesel engine for bulk material screen                            | 225        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                          | 0.02        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                      | OH-0388  | P012 - 125 Hp Diesel Engine for Screen Bypass Screen                            | 125        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                          | 0.01        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                      | OH-0388  | P011 and P013 - 100 Hp Diesel Engine                                            | 100        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                          | 0.01        | LB/H     |
| 3/30/2023  | NUCOR STEEL                                         | IN-0359  | Emergency Generator (CC-GEN2)                                                   | 500        | Horsepower      | certified engine                                                                                                                                                             | 0.15        | G/HP-H   |
| 4/28/2023  | HYBAR LLC                                           | AR-0180  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                      | 1           | G/BHP-HR |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 05-22 - AO-5 BDL Area PAD Sump Pump Driver                                      | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII, and limiting non-emergency operation to no more than 100 hours per year                                 | 0.06        | LB/HR    |
| 12/12/2023 | GEISMAR PLANT                                       | *LA-0394 | 52-22 - PAO Area PAD Sump Pump Driver                                           | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII, and limiting non-emergency operation to no more than 100 hours per year                                 | 0.06        | LB/HR    |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                   | *LA-0402 | HLK39 - Emergency Diesel Fire Pump Engine (EQT0094)                             | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.14        | LB/H     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | FWP-01 - Firewater Pump Engine No. 1                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.2         | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | FWP-02 - Firewater Pump Engine No. 2                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.2         | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                        | *LA-0401 | FWP-03 - Firewater Pump Engine No. 3                                            | 237        | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                   | 0.06        | LB/HR    |
| 12/21/2023 | CRONUS CHEMICALS                                    | IL-0134  | Firewater Pump Engine                                                           | 369        | hp              |                                                                                                                                                                              | 0.2         | G/KW-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK | MI-0459  | EUFIREPUMP                                                                      | 500        | bhp             | Good combustion practices, use of ULSD                                                                                                                                       | 1.1         | LB/H     |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4U-11 - Substation Emergency Generator                                          | 70         | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.05        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11C - VCM Emergency Pump A                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.07        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11D - VCM Emergency Pump B                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.07        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                         | *LA-0403 | 4M-11E - VCM Emergency Pump C                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                       | 0.07        | LB/HR    |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                       | IN-0384  | emergency fire water pump                                                       | 282        | bhp             | Good combustion practice, low sulfur fuel                                                                                                                                    | 0.17        | G        |

**RBLC Entries for PM<sub>2.5</sub> Control from Firewater Pumps**

| Date       | Facility Name                                       | RBLC ID  | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                        | Limit No. 1 | Unit         |
|------------|-----------------------------------------------------|----------|-----------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                           | AK-0083  | Diesel Fired Well Pump                              | 2.7        | MMBTU/H         | Limited Operation of 168 hr/yr.                                                                                                                                                       | 0.31        | LB/MMBTU     |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                   | AK-0082  | Airstrip Generator Engine                           | 490        | hp              |                                                                                                                                                                                       | 0.15        | GRAMS/HP-H   |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                   | AK-0082  | Agitator Generator Engine                           | 98         | hp              |                                                                                                                                                                                       | 0.3         | GRAMS/HP-H   |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                   | AK-0082  | Incinerator Generator Engine                        | 102        | hp              |                                                                                                                                                                                       | 0.22        | GRAMS/HP-H   |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                        | LA-0309  | Firewater Pump Engines                              | 288        | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                 | 0.15        | G/BHP-HR     |
| 6/5/2015   | KOHLER CO-METALS PROCESSING COMPLEX                 | WI-0271  | P10K " Diesel Powered Emergency Generator           | 0          |                 | BACT is the use of ultra-low sulfur distillate in the generator. Compliance with this requirement will be determined using sulfur content testing for all shipments of fuel received. | 0.29        | LB/HR        |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY                | KS-0029  | Emergency diesel engine                             | 750        | KW              | Low sulfur fuel oil (<15 ppm sulfur)                                                                                                                                                  | 0.15        | G PER BHP-HR |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                | OH-0366  | Emergency fire pump engine (P004)                   | 140        | HP              | State-of-the-art combustion design                                                                                                                                                    | 0.07        | LB/H         |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                            | MD-0045  | EMERGENCY GENERATOR                                 | 1490       | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES                                                                                                                  | 0.18        | G/HP-H       |
| 11/13/2015 | MATTAWOMAN ENERGY CENTER                            | MD-0045  | EMERGENCY DIESEL ENGINE FOR FIRE WATER PUMP         | 305        | HP              | EXCLUSIVE USE OF ULTRA LOW SULFUR FUEL AND GOOD COMBUSTION PRACTICES                                                                                                                  | 0.18        | G/HP-H       |
| 12/23/2015 | LACKAWANNA ENERGY CTR/ESSUP                         | PA-0309  | Fire pump engine                                    | 15         | gal/hr          |                                                                                                                                                                                       | 0.11        | GM/HP-HR     |
| 2/15/2016  | WISCONSIN POWER & LIGHT - NEENAH GENERATING STATION | WI-0263  | Fire pump (process P05)                             | 1.27       | mmBtu/hr        | Good combustion practices, use diesel fuel with sulfur content < 15 ppm, and operate <500 hr/yr                                                                                       | 0           |              |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION          | NJ-0084  | Emergency Diesel Fire Pump                          | 100        | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                                      | 0.1         | LB/H         |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION   | KS-0030  | Compression ignition RICE emergency fire pump       | 197        | HP              |                                                                                                                                                                                       | 0.15        | G/HP-HR      |
| 6/17/2016  | GREENSVILLE POWER STATION                           | VA-0325  | DIESEL-FIRED WATER PUMP 376 bph (1)                 | 0          |                 | Ultra Low Sulfur Diesel/Fuel (15 ppm max)                                                                                                                                             | 0.3         | G/HP-H       |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                        | NJ-0085  | EMERGENCY GENERATOR DIESEL                          | 0          | 100 H/YR        | Use of Ultra Low Sulfur Diesel (ULSD) Oil, a clean burning fuel and limited hours of operation                                                                                        | 0.661       | LB/H         |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                        | NJ-0085  | EMERGENCY DIESEL FIRE PUMP                          | 100        | H/YR            | Use of ULSD a clean burning fuel and limited hours of operation                                                                                                                       | 0.108       | LB/H         |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                      | LA-0314  | Diesel Firewater pump engines (6 units)             | 425        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                                 | 0           |              |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                      | LA-0314  | Diesel emergency generator engine - EGEN            | 350        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                                 | 0           |              |
| 8/31/2016  | ST. CHARLES POWER STATION                           | LA-0313  | SCPS Emergency Diesel Firewater Pump 1              | 282        | HP              | Compliance with NESHAP 40 CFR 63 Subpart ZZZZ and NSPS 40 CFR 60 Subpart IIII, and good combustion practices (use of ultra-low sulfur diesel fuel).                                   | 0.09        | LB/H         |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                              | OH-0367  | Emergency fire pump engine (P004)                   | 311        | HP              | State-of-the-art combustion design                                                                                                                                                    | 0.1         | LB/H         |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET     | MI-0424  | EUPENGINE (Emergency engine--diesel fire pump)      | 500        | H/YR            | Good combustion practices.                                                                                                                                                            | 0.09        | LB/MMBTU     |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                                | *LA-0306 | Generator Engine DEG-16-1 (EQT035)                  | 460        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                                      | 0.18        | LB/H         |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                                | *LA-0306 | Pump Engines DFP-16-1 (EQT036)                      | 225        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                                      | 0.09        | LB/H         |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                                | *LA-0306 | Pump Engine DFP-16-2 (EQT037)                       | 225        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                                      | 0.09        | LB/H         |
| 1/4/2017   | INDECK NILES, LLC                                   | MI-0423  | EUPENGINE (Emergency engine--diesel fire pump)      | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                                             | 0.57        | LB/H         |
| 1/9/2017   | MONSANTO LULING PLANT                               | LA-0323  | Standby Generator No. 9 Engine                      | 400        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                                    | 0           |              |
| 2/17/2017  | CAMERON LNG FACILITY                                | LA-0316  | firewater pump engines (8 units)                    | 460        | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                                 | 0           |              |
| 4/19/2017  | PALLAS NITROGEN LLC                                 | OH-0368  | Emergency Fire Pump Diesel Engine (P008)            | 460        | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                               | 0.02        | LB/H         |
| 6/30/2017  | DONLIN GOLD PROJECT                                 | AK-0084  | Fire Pump Diesel Internal Combustion Engines        | 252        | hp              | Clean Fuel and Good Combustion Practices                                                                                                                                              | 0.19        | G/KW-HR      |
| 9/7/2017   | TRUMBULL ENERGY CENTER                              | OH-0370  | Emergency fire pump engine (P004)                   | 300        | HP              | Ultra low sulfur diesel fuel                                                                                                                                                          | 0.1         | LB/H         |
| 9/27/2017  | OREGON ENERGY CENTER                                | OH-0372  | Emergency fire pump engine (P004)                   | 300        | HP              | Ultra low sulfur diesel fuel                                                                                                                                                          | 0.1         | LB/H         |
| 10/23/2017 | GUERNSEY POWER STATION LLC                          | OH-0374  | Emergency Fire Pump (P006)                          | 410        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII. Good combustion practices per the manufacturers operating manual.                           | 0.13        | LB/H         |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                          | OH-0376  | Emergency diesel-fueled fire pump (P006)            | 250        | HP              | Comply with NSPS 40 CFR 60 Subpart IIII                                                                                                                                               | 0.1         | LB/H         |
| 4/19/2018  | HARRISON POWER                                      | OH-0377  | Emergency Fire Pump (P004)                          | 320        | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                                     | 0.11        | LB/H         |
| 4/26/2018  | C4GT, LLC                                           | VA-0328  | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                                        | 0.15        | G/HP HR      |
| 5/2/2018   | PLAQUEMINES PLANT 1                                 | LA-0328  | Emergency Diesel Engine Pump P-39A                  | 375        | HP              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                | 0.2         |              |
| 5/2/2018   | PLAQUEMINES PLANT 1                                 | LA-0328  | Emergency Diesel Engine Pump P-39B                  | 300        | HP              | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                | 0.2         |              |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                    | MI-0433  | EUPENGINE (South Plant): Fire pump engine           | 300        | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                      | 0.66        | LB/H         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                    | MI-0433  | EUPENGINE (North Plant): Fire pump engine           | 300        | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                      | 0.66        | LB/H         |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                              | LA-0349  | IC Engines (18)                                     | 0          |                 | Comply with 40 CFR 60 Subpart IIII and Good Combustion Practices                                                                                                                      | 0           |              |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT              | MI-0435  | EUPENGINE: Fire pump engine                         | 399        | BHP             | State of the art combustion design.                                                                                                                                                   | 0.13        | LB/H         |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT                        | TX-0846  | FIRE PUMP DIESEL ENGINE                             | 214        | kW              | Meets EPA Tier 4 requirements                                                                                                                                                         | 0.02        | G/KW         |
| 12/21/2018 | LBWL-ERICKSON STATION                               | MI-0441  | EUPPRICE-A 315 HP diesel fueled emergency engine    | 2.5        | MMBTU/H         | Ultra low sulfur diesel fuel and good combustion practices.                                                                                                                           | 0.12        | LB/H         |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                         | OH-0378  | Firewater Pumps (P005 and P006)                     | 402        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII and employ good combustion practices per the manufacturers operating manual                  | 0.13        | LB/H         |
| 2/6/2019   | PETMIN USA INCORPORATED                             | OH-0379  | Black Start Generator (P007)                        | 158        | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                           | 5.22        | X10-3 LB/H   |
| 2/14/2019  | NUCOR STEEL ARKANSAS                                | AR-0171  | SN-106 Cold Mill 1 Diesel Fired Emergency Generator | 1073       | bhp             | Good operating practices.                                                                                                                                                             | 0.2         | G/KW-HR      |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                        | LA-0345  | IC engines (14 units)                               | 0          |                 | Comply with requirements of 40 CFR 60 Subpart IIII                                                                                                                                    | 0           |              |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                        | LA-0384  | IC Engines (EQT0153, EQT0154, EQT0156 - EQT0167)    | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                                    | 0           |              |
| 6/24/2019  | CHICKAHOMINY POWER LLC                              | VA-0332  | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                               | 0.15        | G/HP-HR      |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX              | TX-0864  | EMERGENCY DIESEL ENGINE                             | 0          |                 | Tier 4 exhaust emission standards specified at 40 CFR § 1039.101(b)                                                                                                                   | 0           |              |
| 11/26/2019 | INDECK NILES, LLC                                   | *MI-0445 | EUPENGINE (Emergency engine--diesel fire pump)      | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                                             | 0.57        | LB/H         |

**RBLC Entries for PM<sub>2.5</sub> Control from Firewater Pumps**

| Date       | Facility Name                                        | RBLC ID  | PROCESS NAME                                                                    | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                           | Limit No. 1 | Unit     |
|------------|------------------------------------------------------|----------|---------------------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 12/12/2019 | EUEG-5 UNIT - GEISMAR PLANT                          | *LA-0381 | Emergency Engines 2-19 and 3-19 (EQT0904 and EQT0905)                           | 0          |                 | Comply with standards of 40 CFR 60 Subpart IIII<br>Limit operation to <= 100 hrs/yr                                                                                                      | 0           |          |
| 4/27/2020  | WASHINGTON PARISH ENERGY CENTER                      | *LA-0370 | Emergency Fire Pump Engine (EQT0021, ENG-1)                                     | 1.1        | MM BTU/hr       | The use of low sulfur fuels and compliance with 40 CFR 60 Subpart IIII                                                                                                                   | 0.04        | LB/HR    |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                              | KY-0110  | EP 11-01 - Melt Shop Emergency Generator                                        | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                       | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                              | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator                                   | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                       | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                              | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator                                     | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                       | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                              | KY-0110  | EP 11-04 - IT Emergency Generator                                               | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                       | 0.15        | G/HP-HR  |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                              | KY-0110  | EP 11-05 - Radio Tower Emergency Generator                                      | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                       | 0.3         | G/HP-HR  |
| 8/13/2020  | GAS TREATMENT PLANT                                  | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators        | 19.4       | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year per engine                                                                                                    | 0.19        | G/HP-HR  |
| 9/1/2020   | NEMADJII TRAIL ENERGY CENTER                         | WI-0300  | Emergency Diesel Fire Pump (P06)                                                | 282        | HP              | Operation limited to 500 hours/year, sulfur content of diesel fuel oil fired may not exceed 15 ppm, and shall be operated and maintained according to the manufacturers recommendations. | 0.15        | G/HP-H   |
| 1/7/2021   | LBWL--ERICKSON STATION                               | MI-0447  | EUFPRICE--A 315 HP diesel fueled emergency engine                               | 2.5        | MMBTU/H         | Ultra low sulfur diesel fuel and good combustion practices.                                                                                                                              | 0.12        | LB/H     |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                           | *PA-0326 | Emergency Generator Parking Garage                                              | 0          |                 | LAER PM2.5 BACT PM/PM25 certified engines,include turbocharger and intercooler/aftercooler GCP ULSD                                                                                      | 0.06        | G        |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                           | *PA-0326 | Emergency Generator Telecom Hut & Tower                                         | 0          |                 | LAER PM2.5 BACT PM/PM25 certified engines,include turbocharger and intercooler/aftercooler GCP ULSD                                                                                      | 0.22        | G        |
| 3/17/2021  | BIG RIVER STEEL LLC                                  | AR-0168  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                  | 0.2         | G/KW-HR  |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                            | AK-0086  | Diesel Fired Well Pump                                                          | 2.7        | MMBTU/hr        | Good Combustion Practices and Limited Use                                                                                                                                                | 0.31        | LB/MMBTU |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                            | KY-0115  | Cold Mill Complex Emergency Generator (EP 09-05)                                | 350        | HP              | The permittee must develop a Good Combustion and Operating Practices (GCOP) Plan                                                                                                         | 0.15        | G/HP-HR  |
| 5/4/2021   | SHINTECH PLAQUEMINES PLANT 1                         | LA-0379  | PVC Emergency Combustion Equipment 2A and 2B                                    | 300        | hp              | Compliance with 40 CFR 60 Subpart IIII.                                                                                                                                                  | 0.15        | G/HP-HR  |
| 1/31/2022  | BIG RIVER STEEL LLC                                  | AR-0173  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                  | 0.1         | G/BHP-HR |
| 1/31/2022  | BIG RIVER STEEL LLC                                  | AR-0173  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                  | 1           | G/BHP-HR |
| 4/29/2022  | WESTLAKE ETHYLENE PLANT                              | LA-0397  | Emergency Generators and Fire Water Pumps (EQT0027 - EQT0032, EQT0044, EQT0045) | 0          |                 | Compliance with applicable requirements of 40 CFR 60 Subpart IIII                                                                                                                        | 0           |          |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1             | LA-0391  | Emergency Diesel Fired Water Pump Engine                                        | 355        | hp              | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                          | 0.15        | G/HP-HR  |
| 6/23/2022  | MEC NORTH, LLC                                       | MI-0451  | EUPENGINE (North Plant): Fire Pump Engine                                       | 300        | HP              | Diesel particulate filter, good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                         | 0.66        | LB/H     |
| 6/23/2022  | MEC SOUTH, LLC                                       | MI-0452  | EUPENGINE (South Plant): Fire pump engine                                       | 300        | HP              | Diesel particulate filter, Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                          | 0.66        | LB/H     |
| 7/7/2022   | LIQUEFACTION PLANT                                   | AK-0088  | Auxiliary Air Compressor Engine                                                 | 14.6       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                     | 0.022       | G/HP-HR  |
| 9/20/2022  | INTEL OHIO SITE                                      | OH-0387  | 275 hp (205 kW) Diesel-Fired Emergency Fire Pump Engine                         | 275        | HP              | Certified to meet the standards in Table 4 of 40 CFR Part 60, Subpart IIII and good combustion practices                                                                                 | 0.6         | LB/H     |
| 9/27/2022  | GENERAL MOTORS LLC. ORION ASSEMBLY                   | MI-0453  | FGEMENGINES                                                                     | 500        | h/yr            | Hours of Operation Restriction, Good Combustion Practices, Compliance with NSPS                                                                                                          | 0.15        | G/B-HP-H |
| 12/20/2022 | LBWL-ERICKSON STATION                                | MI-0454  | EUFPRICE--A 315 HP diesel-fueled emergency engine                               | 2.5        | MMBTU/H         | Ultra low sulfur diesel fuel and good combustion practices.                                                                                                                              | 0.69        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                       | OH-0388  | P010 - 225 Hp Diesel engine for bulk material screen                            | 225        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                      | 0.02        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                       | OH-0388  | P012 - 125 Hp Diesel Engine for Screen Bypass Screen                            | 125        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                      | 0.01        | LB/H     |
| 12/22/2022 | IRON UNITS LLC                                       | OH-0388  | P011 and P013 - 100 Hp Diesel Engine                                            | 100        | HP              | Good combustion practices to meet Tier IV emissions                                                                                                                                      | 0.01        | LB/H     |
| 3/30/2023  | NUCOR STEEL                                          | IN-0359  | Emergency Generator (CC-GEN2)                                                   | 500        | Horsepower      | certified engine                                                                                                                                                                         | 0.15        | G/HP-H   |
| 4/28/2023  | HYBAR LLC                                            | AR-0180  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                  | 1           | G/BHP-HR |
| 12/12/2023 | GEISMAR PLANT                                        | *LA-0394 | 05-22 - AO-5 BDL Area PAD Sump Pump Driver                                      | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII, and limiting non-emergency operation to no more than 100 hours per year                                             | 0.06        | LB/HR    |
| 12/12/2023 | GEISMAR PLANT                                        | *LA-0394 | 52-22 - PAO Area PAD Sump Pump Driver                                           | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII, and limiting non-emergency operation to no more than 100 hours per year                                             | 0.06        | LB/HR    |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                    | *LA-0402 | HLK39 - Emergency Diesel Fire Pump Engine (EQT0094)                             | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.14        | LB/H     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                         | *LA-0401 | FWP-01 - Firewater Pump Engine No. 1                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.2         | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                         | *LA-0401 | FWP-02 - Firewater Pump Engine No. 2                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.2         | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                         | *LA-0401 | FWP-03 - Firewater Pump Engine No. 3                                            | 237        | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                               | 0.06        | LB/HR    |
| 12/21/2023 | CRONUS CHEMICALS                                     | IL-0134  | Firewater Pump Engine                                                           | 369        | hp              |                                                                                                                                                                                          | 0.2         | G/KW-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT-- DELTA ENERGY PARK | MI-0459  | EUFIREPUMP                                                                      | 500        | bhp             | Good combustion practices, use of ULSD                                                                                                                                                   | 1.1         | LB/H     |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-11 - Substation Emergency Generator                                          | 70         | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.05        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4M-11C - VCM Emergency Pump A                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.07        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4M-11D - VCM Emergency Pump B                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.07        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4M-11E - VCM Emergency Pump C                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                   | 0.76        | LB/HR    |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                        | IN-0384  | emergency fire water pump                                                       | 282        | bhp             | Good combustion practices, low sulfur fuel                                                                                                                                               | 0.17        | G        |

**RBLC Entries for Sulfur Dioxide Control from Firewater Pumps**

| Date       | Facility Name                                           | RBLC ID  | PROCESS NAME                                                             | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                              | Limit No. 1 | Unit                 |
|------------|---------------------------------------------------------|----------|--------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                            | LA-0309  | Firewater Pump Engines                                                   | 288        | hp (each)       |                                                                                                                                                             | 0           |                      |
| 8/25/2015  | LAUDERDALE PLANT                                        | FL-0354  | Emergency fire pump engine, 300 HP                                       | 29         | MMBTU/H         | Limit in S in fuel                                                                                                                                          | 0.0015      | % S IN ULSD          |
| 12/8/2015  | GRAIN PROCESSING CORPORATION                            | IN-0234  | EMERGENCY FIRE PUMP ENGINE                                               | 0          |                 | AMOUNT OF DIESEL BURNED SHALL NOT EXCEED 1,128 GALLONS PER 12 MONTH PERIOD                                                                                  | 0.0015      | %                    |
| 2/15/2016  | WISCONSIN POWER & LIGHT - NEENAH GENERATING STATION     | WI-0263  | Fire pump (process P05)                                                  | 1.27       | mmBtu/hr        | Use diesel fuel with sulfur content < 15 ppm                                                                                                                | 0           |                      |
| 3/9/2016   | OKEECHOBEE CLEAN ENERGY CENTER                          | FL-0356  | One 422-hp emergency fire pump engine                                    | 0          |                 | Use of ULSD                                                                                                                                                 | 0.0015      | % S IN ULSD          |
| 6/17/2016  | GREENSVILLE POWER STATION                               | VA-0325  | DIESEL-FIRED WATER PUMP 376 bph (1)                                      | 0          |                 | Ultra Low Sulfur Diesel/Fuel (15 ppm max)                                                                                                                   | 0.0015      | LB/MMBTU             |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                  | OH-0367  | Emergency fire pump engine (P004)                                        | 311        | HP              | Ultra low sulfur diesel fuel                                                                                                                                | 0.004       | LB/H                 |
| 1/4/2017   | INDECK NILES, LLC                                       | MI-0423  | EUPENGINE (Emergency engine--diesel fire pump)                           | 1.66       | MMBTU/H         | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                       | 15          | PPM                  |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                  | OH-0370  | Emergency fire pump engine (P004)                                        | 300        | HP              | Ultra low sulfur diesel fuel                                                                                                                                | 3.2         | X10-3 LB/H           |
| 9/27/2017  | OREGON ENERGY CENTER                                    | OH-0372  | Emergency fire pump engine (P004)                                        | 300        | HP              | Ultra low sulfur diesel fuel                                                                                                                                | 3.2         | X10-3 LB/H           |
| 10/23/2017 | GUERNSEY POWER STATION LLC                              | OH-0374  | Emergency Fire Pump (P006)                                               | 410        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII. Good combustion practices per the manufacturers operating manual. | 0.0015      | LB/MMBTU             |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                               | FL-0363  | Emergency Fire Pump Engine (422 hp)                                      | 0          |                 | Clean fuel                                                                                                                                                  | 15          | PPM S IN FUEL        |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295  | Emergency Diesel Generators                                              | 150        | hp              |                                                                                                                                                             | 0.0015      | %                    |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION | IN-0295  | Emergency Diesel Generators                                              | 250        | hp              |                                                                                                                                                             | 0.0015      | %                    |
| 4/19/2018  | HARRISON POWER                                          | OH-0377  | Emergency Fire Pump (P004)                                               | 320        | HP              | ultra-low sulfur diesel (ULSD) fuel with a sulfur content of less than 15 ppm (0.0015 percent by weight)                                                    | 0.0015      | LB/MMBTU             |
| 4/26/2018  | C4GT, LLC                                               | VA-0328  | Emergency Fire Water Pump                                                | 500        | HR/YR           | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                             | 0           |                      |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433  | EUPENGINE (South Plant): Fire pump engine                                | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                       | 15          | PPM                  |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                        | MI-0433  | EUPENGINE (North Plant): Fire pump engine                                | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                       | 15          | PPM                  |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                                  | LA-0349  | IC Engines (18)                                                          | 0          |                 | Comply with 40 CFR 60 Subpart IIII and Good Combustion Practices                                                                                            | 0           |                      |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY                     | FL-0367  | Emergency Fire Pump Engine (347 HP)                                      | 8700       | gal/year        | Clean fuel                                                                                                                                                  | 15          | PPM S IN FUEL        |
| 2/14/2019  | NUCOR STEEL ARKANSAS                                    | AR-0171  | SN-106 Cold Mill 1 Diesel Fired Emergency Generator                      | 1073       | bhp             | Good operating practices.                                                                                                                                   | 0.0006      | LB/MMBTU             |
| 6/24/2019  | CHICKAHOMINY POWER LLC                                  | VA-0332  | Emergency Fire Water Pump                                                | 500        | HR/YR           | : good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.  | 0.0015      | LB/MMBTU             |
| 11/26/2019 | INDECK NILES, LLC                                       | *MI-0445 | EUPENGINE (Emergency engine--diesel fire pump)                           | 1.66       | MMBTU/H         | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                        | 15          | PPM                  |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                            | WI-0302  | Diesel-Fired Fire Pump Engine (P04)                                      | 290        | HP              | Only use diesel fuel oil with a sulfur content of no greater than 0.0015% by weight.                                                                        | 0.36        | LB/H                 |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                 | KY-0110  | EP 11-01 - Melt Shop Emergency Generator                                 | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                          | 0           |                      |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                 | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator                            | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                          | 0           |                      |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                 | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator                              | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                          | 0           |                      |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                 | KY-0110  | EP 11-04 - IT Emergency Generator                                        | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                          | 0           |                      |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                                 | KY-0110  | EP 11-05 - Radio Tower Emergency Generator                               | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                          | 0           |                      |
| 8/13/2020  | GAS TREATMENT PLANT                                     | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators | 19.4       | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year.                                                                                 | 15          | PPMW SULFUR IN FUEL  |
| 3/17/2021  | BIG RIVER STEEL LLC                                     | AR-0168  | Emergency Engines                                                        | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                     | 0.0015      | % SULFUR FUEL        |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY                     | FL-0371  | Emergency Fire Pump Engine (347 HP)                                      | 2.46       | MMBTU/hour      |                                                                                                                                                             | 15          | PPM S IN FUEL        |
| 1/31/2022  | BIG RIVER STEEL LLC                                     | AR-0173  | Emergency Engines                                                        | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                     | 15          | PPM SULFUR IN FUEL   |
| 1/31/2022  | BIG RIVER STEEL LLC                                     | AR-0173  | Emergency Water Pumps                                                    | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                     | 15          | PPM SULFUR IN FUEL   |
| 6/23/2022  | MEC NORTH, LLC                                          | MI-0451  | EUPENGINE (North Plant): Fire Pump Engine                                | 300        | HP              | Good combustion practices and meeting NSPS Subpart IIII requirements.                                                                                       | 15          | PPM                  |
| 6/23/2022  | MEC SOUTH, LLC                                          | MI-0452  | EUPENGINE (South Plant): Fire pump engine                                | 300        | HP              | Good Combustion Practices and meeting NSPS Subpart IIII requirements                                                                                        | 15          | PPM                  |
| 7/7/2022   | LIQUEFACTION PLANT                                      | AK-0088  | Auxiliary Air Compressor Engine                                          | 14.6       | Gal/hr          | Good Combustion Practices; ULSD; Limited Operation;                                                                                                         | 15          | PPMW SULFUR IN FUEL  |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                              | IL-0133  | Fire Water Pump Engine                                                   | 320        | horsepower      | Use of ultra-low sulfur diesel, with a sulfur content < 15 ppm sulfur.                                                                                      | 0           |                      |
| 3/30/2023  | NUCOR STEEL                                             | IN-0359  | Emergency Generator (CC-GEN2)                                            | 500        | Horsepower      | ultra-low sulfur diesel fuel (0.0015%S)                                                                                                                     | 0           |                      |
| 4/28/2023  | HYBAR LLC                                               | AR-0180  | Emergency Water Pumps                                                    | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                     | 15          | PPM MAX FUEL CONTENT |

**RBLC Entries for Volatile Organic Compounds Control from Firewater Pumps**

| Date       | Facility Name                                               | RBLC ID | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                       | Limit No. 1 | Unit               |
|------------|-------------------------------------------------------------|---------|-----------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                                   | AK-0083 | Diesel Fired Well Pump                              | 2.7        | MMBTU/H         | Diesel Fired Operation of 168 hr/yr.                                                                                                                                 | 0.36        | LB/MMBTU           |
| 1/8/2015   | MIDWEST CITY AIR DEPOT                                      | OK-0164 | Diesel-Fueled Fire Pump Engines                     | 300        | HP              | 1. Good Combustion Practices.                                                                                                                                        | 0.15        | GRAMS PER HP-HR    |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                           | AK-0082 | Airstrip Generator Engine                           | 490        | hp              |                                                                                                                                                                      | 0.0025      | LB/HP-H            |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                           | AK-0082 | Agitator Generator Engine                           | 98         | hp              |                                                                                                                                                                      | 0.0025      | LB/HP-H            |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY                           | AK-0082 | Incinerator Generator Engine                        | 102        | hp              |                                                                                                                                                                      | 0.0025      | LB/HP-H            |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY                                | LA-0309 | Firewater Pump Engines                              | 288        | hp (each)       | Complying with 40 CFR 60 Subpart IIII                                                                                                                                | 0           |                    |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                        | OH-0366 | Emergency fire pump engine (P004)                   | 140        | HP              | State-of-the-art combustion design                                                                                                                                   | 0.11        | LB/H               |
| 12/8/2015  | GRAIN PROCESSING CORPORATION                                | IN-0234 | EMERGENCY FIRE PUMP ENGINE                          | 0          |                 | GOOD COMBUSTION PRACTICES                                                                                                                                            | 0.05        | G/HP-H             |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                                | PA-0309 | Fire pump engine                                    | 15         | gal/hr          |                                                                                                                                                                      | 0.12        | GM/HP-HR           |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER                                | NY-0103 | Emergency fire pump                                 | 460        | hp              | Compliance demonstrated with vendor emission certification and adherence to vendor-specified maintenance recommendations.                                            | 0.1         | G/BHP-H            |
| 2/15/2016  | WISCONSIN POWER & LIGHT - NEENAH GENERATING STATION         | WI-0263 | Fire pump (process P05)                             | 1.27       | mmBtu/hr        | Good combustion practices, use diesel fuel, and operate <500 hr/yr                                                                                                   | 0           |                    |
| 3/10/2016  | PSEG FOSSIL LLC SEWAREN GENERATING STATION                  | NJ-0084 | Emergency Diesel Fire Pump                          | 100        | H/YR            | use of ULSD a clean burning fuel, and limited hours of operation                                                                                                     | 0.1         | LB/H               |
| 3/31/2016  | MID-KANSAS ELECTRIC COMPANY, LLC - RUBART STATION           | KS-0030 | Compression ignition RICE emergency fire pump       | 197        | HP              |                                                                                                                                                                      | 1.14        | G/HP-HR            |
| 6/8/2016   | BEAUMONT TERMINAL                                           | TX-0799 | EMERGENCY ENGINES                                   | 0          |                 | Equipment specifications and good combustion practices. Operation limited to 100 hours per year.                                                                     | 0.0025      | LB/HP-HR           |
| 6/17/2016  | GREENSVILLE POWER STATION                                   | VA-0325 | DIESEL-FIRED WATER PUMP 376 bph (1)                 | 0          |                 | Good Combustion Practices/Maintenance                                                                                                                                | 3           | G/HP-H             |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                                | NJ-0085 | EMERGENCY GENERATOR DIESEL                          | 0          | 100 H/YR        | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                        | 0.557       | LB/H               |
| 7/19/2016  | MIDDLESEX ENERGY CENTER, LLC                                | NJ-0085 | EMERGENCY DIESEL FIRE PUMP                          | 100        | H/YR            | Use of Ultra Low Sulfur Diesel (ULSD) Oil a clean burning fuel and limited hours of operation                                                                        | 0.117       | LB/H               |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                              | LA-0314 | Diesel Firewater pump engines (6 units)             | 425        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                | 0           |                    |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                              | LA-0314 | Diesel emergency generator engine - EGEN            | 350        | hp              | complying with 40 CFR 63 subpart ZZZZ                                                                                                                                | 0           |                    |
| 8/31/2016  | ST. CHARLES POWER STATION                                   | LA-0313 | SCPS Emergency Diesel Firewater Pump 1              | 282        | HP              | Good combustion practices                                                                                                                                            | 1.87        | LB/H               |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                      | OH-0367 | Emergency fire pump engine (P004)                   | 311        | HP              | State-of-the-art combustion design                                                                                                                                   | 0.25        | LB/H               |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET             | MI-0424 | EUFFENGINE (Emergency engine--diesel fire pump)     | 500        | H/YR            | Good combustion practices                                                                                                                                            | 0.47        | LB/H               |
| 1/4/2017   | INDECK NILES, LLC                                           | MI-0423 | EUFFENGINE (Emergency engine--diesel fire pump)     | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                            | 0.64        | LB/H               |
| 2/17/2017  | CAMERON LNG FACILITY                                        | LA-0316 | firewater pump engines (8 units)                    | 460        | hp              | Complying with 40 CFR 60 Subpart IIII                                                                                                                                | 0           |                    |
| 4/19/2017  | PALLAS NITROGEN LLC                                         | OH-0368 | Emergency Fire Pump Diesel Engine (P008)            | 460        | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                              | 0.14        | LB/H               |
| 6/29/2017  | WILDHORSE TERMINAL                                          | OK-0175 | Emergency Use Engine less than or equal to 500 HP   | 0          |                 | Good combustion practices, certified to meet EPA Tier 3 engine standards. Gen-1, FP-1, and FP-2 shall be limited to operate no more than 500 hr/yr.                  | 3           | GM/HP-HR           |
| 7/19/2017  | BPV GATHERING AND MARKETING CUSHING STATION                 | OK-0176 | Emergency Generator                                 | 400        | HP              | Equipped with non-resettable hour meter. Fired with ultra-low sulfur diesel fuel (0.015 % or less by wt. sulfur.                                                     | 217.24      | TONS/YEAR/FACILITY |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                      | OH-0370 | Emergency fire pump engine (P004)                   | 300        | HP              | State-of-the-art combustion design                                                                                                                                   | 0.24        | LB/H               |
| 9/27/2017  | OREGON ENERGY CENTER                                        | OH-0372 | Emergency fire pump engine (P004)                   | 300        | HP              | State-of-the-art combustion design                                                                                                                                   | 0.24        | LB/H               |
| 10/2/2017  | CORPORATE/COMPANY NAMEENBRIDGE ENERGY LIMITED PARTNERSHIP - | WI-0279 | EG8 " Diesel Emergency Generator                    | 0          |                 | Complying with NSPS Standards under 40 CFR Part 60 Subpart IIII                                                                                                      | 0           |                    |
| 10/23/2017 | GUERNSEY POWER STATION LLC                                  | OH-0374 | Emergency Fire Pump (P006)                          | 410        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII. Good combustion practices per the manufacturers operating manual.          | 2.7         | LB/H               |
| 1/4/2018   | CUSHING SOUTH TANK FARM                                     | OK-0177 | Emergency use engine &lt; or = 500 hp               | 0          |                 | Good combustion practices, certified to meet EPA Tier III engine standards. Limited to operate no more than 500 hr/yr.                                               | 1           | GM/HP-HR           |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION     | IN-0295 | Emergency Diesel Generators                         | 150        | hp              |                                                                                                                                                                      | 1.134       | G/HP-HR            |
| 2/23/2018  | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUCTS DIVISION     | IN-0295 | Emergency Diesel Generators                         | 250        | hp              |                                                                                                                                                                      | 1.134       | G/HP-HR            |
| 4/19/2018  | HARRISON POWER                                              | OH-0377 | Emergency Fire Pump (P004)                          | 320        | HP              | Good combustion practices (ULSD) and compliance with 40 CFR Part 60, Subpart IIII                                                                                    | 2.12        | LB/H               |
| 4/26/2018  | C4GT, LLC                                                   | VA-0328 | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                       | 0           |                    |
| 5/2/2018   | PLAQUEMINES PLANT 1                                         | LA-0328 | Emergency Diesel Engine Pump P-39A                  | 375        | HP              | Good combustion practices and NSPS Subpart IIII                                                                                                                      | 4           | G/KW-H             |
| 5/2/2018   | PLAQUEMINES PLANT 1                                         | LA-0328 | Emergency Diesel Engine Pump P-39B                  | 300        | HP              | Good combustion practices and NSPS Subpart IIII                                                                                                                      | 4           | G/KW-H             |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                            | MI-0433 | EUFFENGINE (South Plant): Fire pump engine          | 300        | HP              | Good combustion practices.                                                                                                                                           | 0.75        | LB/H               |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                            | MI-0433 | EUFFENGINE (North Plant): Fire pump engine          | 300        | HP              | Good combustion practices                                                                                                                                            | 0.75        | LB/H               |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                                      | LA-0349 | IC Engines (18)                                     | 0          |                 | Comply with 40 CFR 60 Subpart IIII and Good Combustion Practices                                                                                                     | 0           |                    |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT                      | MI-0435 | EUFFENGINE: Fire pump engine                        | 399        | BHP             | State of the art combustion design.                                                                                                                                  | 0.13        | LB/H               |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT                                | TX-0846 | FIRE PUMP DIESEL ENGINE                             | 214        | KW              | Meets EPA Tier 4 requirements                                                                                                                                        | 0.19        | G/KW               |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                                 | OH-0378 | Firewater Pumps (P005 and P006)                     | 402        | HP              | Certified to the meet the emissions standards in Table 4 of 40 CFR Part 60, Subpart IIII and employ good combustion practices per the manufacturers operating manual | 2.64        | LB/H               |
| 2/14/2019  | NUCOR STEEL ARKANSAS                                        | AR-0171 | SN-106 Cold Mill 1 Diesel Fired Emergency Generator | 1073       | bhp             | Good operating practices.                                                                                                                                            | 1           | G/KW-HR            |
| 4/1/2019   | GREEN BAY PACKAGING INC. "MILL DIVISION                     | WI-0292 | P37 Diesel-Fired Emergency Fire Pump                | 0          |                 | Hours of Operation                                                                                                                                                   | 200         | HOURS              |
| 4/26/2019  | MACK AVENUE ASSEMBLY PLANT                                  | MI-0443 | EUFIREPUMP1                                         | 500        | h/yr            |                                                                                                                                                                      | 0.1         | G/B-HP-H           |
| 4/26/2019  | MACK AVENUE ASSEMBLY PLANT                                  | MI-0443 | EUFIREPUMP2                                         | 500        | h/yr            |                                                                                                                                                                      | 0.1         | G/B-HP-H           |
| 4/26/2019  | MACK AVENUE ASSEMBLY PLANT                                  | MI-0443 | EUFIREPUMP3                                         | 500        | h/yr            |                                                                                                                                                                      | 0.1         | G/B-HP-H           |
| 6/24/2019  | CHICKAHOMINY POWER LLC                                      | VA-0332 | Emergency Fire Water Pump                           | 500        | HR/YR           | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (S15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.              | 0.11        | G/HP-HR            |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX                      | TX-0864 | EMERGENCY DIESEL ENGINE                             | 0          |                 | Tier 4 exhaust emission standards specified at 40 CFR § 1039.101(b), 100 HR / YR                                                                                     | 0           |                    |

**RBLC Entries for Volatile Organic Compounds Control from Firewater Pumps**

| Date       | Facility Name                                         | RBLC ID  | PROCESS NAME                                                                    | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                      | Limit No. 1 | Unit     |
|------------|-------------------------------------------------------|----------|---------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 9/11/2019  | WILDHORSE TERMINAL                                    | OK-0181  | EMERGENCY USE ENGINES &lt; 500 HP                                               | 0          |                 | Good Combustion Practices. Certified to meet EPA Tier 3 engine standards. Gen-1 and FP-1 shall be limited to operate not more than 500 hours per year. SP-1 shall be limited to operate not more than 876 hours per year.                                           | 3           | GM/HP-HR |
| 2/28/2020  | WPL- RIVERSIDE ENERGY CENTER                          | WI-0302  | Diesel-Fired Fire Pump Engine (P04)                                             | 290        | HP              | Good combustion practices                                                                                                                                                                                                                                           | 0.26        | LB/H     |
| 3/31/2020  | MONT BELVIEU NGL FRACTIONATION UNIT                   | TX-0886  | EMERGENCY DIESEL ENGINE                                                         | 0          |                 | Limited operating hours, good combustion practices meets NSPS III Tier 3 engine                                                                                                                                                                                     | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-01 - Melt Shop Emergency Generator                                        | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                  | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator                                   | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                  | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator                                     | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                  | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-04 - IT Emergency Generator                                               | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                  | 0           |          |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                               | KY-0110  | EP 11-05 - Radio Tower Emergency Generator                                      | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                                                                                                                  | 0           |          |
| 8/13/2020  | GAS TREATMENT PLANT                                   | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators        | 19.4       | gph             | Good combustion practices, ULSD, and limit operation to 500 hours per year.                                                                                                                                                                                         | 0.19        | G/HP-HR  |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                           | WI-0300  | Emergency Diesel Fire Pump (P06)                                                | 282        | HP              | Operation limited to 500 hours/year and operate and maintain according to the manufacturers recommendations.                                                                                                                                                        | 1.1         | G/HP-H   |
| 10/30/2020 | MACK AVENUE ASSEMBLY PLANT                            | *MI-0446 | EUFIREFUMP1                                                                     | 500        | h/yr            |                                                                                                                                                                                                                                                                     | 0.1         | G/B-HP-H |
| 10/30/2020 | MACK AVENUE ASSEMBLY PLANT                            | *MI-0446 | EUFIREFUMP2                                                                     | 500        | h/yr            |                                                                                                                                                                                                                                                                     | 0.1         | G/B-HP-H |
| 2/3/2021   | HOLDEN WOOD PRODUCTS MILL                             | LA-0366  | Fire Pump, Sawmill Emergency, and Planer Mill Emergency Generator Engines       | 0          |                 | Good Combustion Practices and Compliance with NSPS 40 CFR 60 Subpart IIII                                                                                                                                                                                           | 804.6       | HP       |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                            | *PA-0326 | Emergency Generator Parking Garage                                              | 0          |                 | The use of certified engines, design of engines to include turbocharger and an intercooler/aftercooler, good combustion practices and proper operation and maintenance including certification to applicable federal emission standards                             | 2.37        | GRAM     |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                            | *PA-0326 | Emergency Generator Telecom Hut & Tower                                         | 0          |                 | The use of certified engines, design of engines to include turbocharger and an intercooler/aftercooler, good combustion practices and proper operation and maintenance including certification to applicable federal emission standards                             | 2.83        | G        |
| 3/17/2021  | BIG RIVER STEEL LLC                                   | AR-0168  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                             | 1.55        | G/KW-HR  |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                             | AK-0086  | Diesel Fired Well Pump                                                          | 2.7        | MMBtu/hr        | Good Combustion Practices and Limited Use                                                                                                                                                                                                                           | 0.36        | LB/MMBTU |
| 5/4/2021   | SHINTECH PLAQUEMINE PLANT 1                           | LA-0379  | PVC Emergency Combustion Equipment 2A and 2B                                    | 300        | hp              | Compliance with 40 CFR 60 Subpart IIII.                                                                                                                                                                                                                             | 0.19        | G/KW-HR  |
| 1/31/2022  | BIG RIVER STEEL LLC                                   | AR-0173  | Emergency Engines                                                               | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                             | 0.13        | G/BHP-HR |
| 1/31/2022  | BIG RIVER STEEL LLC                                   | AR-0173  | Emergency Water Pumps                                                           | 0          |                 | Good Operating Practices, limited hours of operation, Compliance with NSPS Subpart IIII                                                                                                                                                                             | 1.12        | G/BHP-HR |
| 4/12/2022  | TAYLOR SAWMILL                                        | *LA-0387 | Firewater Pump Engine (FIR)                                                     | 274        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 0.02        | TPY      |
| 4/29/2022  | WESTLAKE ETHYLENE PLANT                               | LA-0397  | Emergency Generators and Fire Water Pumps (EQT0027 - EQT0032, EQT0044, EQT0045) | 0          |                 | Compliance with applicable requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                                                   | 0           |          |
| 5/10/2022  | DERIDDER SAWMILL                                      | LA-0390  | ENG1 - Emergency Fire Water Pump                                                | 500        | horsepower      | Good combustion practices and maintenance and compliance with applicable 40 CFR 60 Subpart IIII limitation for VOC.                                                                                                                                                 | 1.85        | LB/HR    |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1              | LA-0391  | Emergency Diesel Fired Water Pump Engine                                        | 355        | hp              | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                                                                                                     | 3           | G/HP-HR  |
| 6/23/2022  | MEC NORTH, LLC                                        | MI-0451  | EUPFENGINE (North Plant): Fire Pump Engine                                      | 300        | HP              | Good combustion practices.                                                                                                                                                                                                                                          | 0.75        | LB/H     |
| 6/23/2022  | MEC SOUTH, LLC                                        | MI-0452  | EUPFENGINE (South Plant): Fire pump engine                                      | 300        | HP              | Good Combustion Practices                                                                                                                                                                                                                                           | 0.75        | LB/H     |
| 7/7/2022   | LIQUEFACTION PLANT                                    | AK-0088  | Auxiliary Air Compressor Engine                                                 | 14.6       | Gal/hr          | Good Combustion Practices; Limited Operation; 40 CFR 60 Subpart IIII                                                                                                                                                                                                | 0.22        | G/HP-HR  |
| 9/20/2022  | INTEL OHIO SITE                                       | OH-0387  | 275 hp (205 kW) Diesel-Fired Emergency Fire Pump Engine                         | 275        | HP              | Certified to meet the standards in Table 4 of 40 CFR Part 60, Subpart IIII and good combustion practices                                                                                                                                                            | 0.7         | LB/H     |
| 9/27/2022  | GENERAL MOTORS LLC ORION ASSEMBLY                     | MI-0453  | FGEMENGINES                                                                     | 500        | h/yr            | Hours of Operation Restriction, Good Combustion Practices, Compliance with NSPS                                                                                                                                                                                     | 0.19        | G/B-HP-H |
| 11/21/2022 | NORFOLK CRUSH, LLC                                    | NE-0064  | Emergency Fire Water Pump Engine 2                                              | 510        | hp              |                                                                                                                                                                                                                                                                     | 0.62        | G/HP-HR  |
| 3/30/2023  | NUCOR STEEL                                           | IN-0359  | Emergency Generator (CC-GEN2)                                                   | 500        | Horsepower      | certified engine                                                                                                                                                                                                                                                    | 1.13        | G/HP-HR  |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                           | *WI-0326 | Fire Pump; S06/P06 " Emergency Diesel Fire Pump                                 | 282        | HP              | Good combustion practices:<br>(a) P06 may not operate more than 500 hours per each 12 rolling calendar months.<br>(b) P06 shall be operated and maintained according to the manufacturers recommendations.<br>(c) VOC emission from P06 may not exceed 1.1 g/hp-hr. | 1.1         | G/HP-HR  |
| 12/12/2023 | GEISMAR PLANT                                         | *LA-0394 | 05-22 - AO-5 BDL Area PAD Sump Pump Driver                                      | 200        | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                                                                                              | 0.03        | LB/HR    |
| 12/12/2023 | GEISMAR PLANT                                         | *LA-0394 | 52-22 - PAO Area PAD Sump Pump Driver                                           | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                                                                                                 | 0.03        | LB/HR    |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                     | *LA-0402 | HLK39 - Emergency Diesel Fire Pump Engine (EQT0094)                             | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 0.14        | LB/H     |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                          | *LA-0401 | FWP-01 - Firewater Pump Engine No. 1                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 1.47        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                          | *LA-0401 | FWP-02 - Firewater Pump Engine No. 2                                            | 422        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 1.47        | LB/HR    |
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                          | *LA-0401 | FWP-03 - Firewater Pump Engine No. 3                                            | 237        | horsepower      | Compliance with the requirements of 40 CFR 60 Subpart IIII                                                                                                                                                                                                          | 0.61        | LB/HR    |
| 12/21/2023 | CRONUS CHEMICALS                                      | IL-0134  | Firewater Pump Engine                                                           | 369        | hp              |                                                                                                                                                                                                                                                                     | 4           | G/KW-HR  |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK   | MI-0459  | EUFIREFUMP                                                                      | 500        | bhp             | Good combustion practices                                                                                                                                                                                                                                           | 4           | G/KW-H   |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4U-11 - Substation Emergency Generator                                          | 70         | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 0.14        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11C - VCM Emergency Pump A                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 0.33        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11D - VCM Emergency Pump B                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 0.33        | LB/HR    |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                           | *LA-0403 | 4M-11E - VCM Emergency Pump C                                                   | 200        | horsepower      | Compliance with 40 CFR 60 Subpart IIII                                                                                                                                                                                                                              | 0.33        | LB/HR    |
| 2/14/2025  | DUKE ENERGY INDIANA, INC. - CAYUGA GENERATING STATION | IN-0382  | Emergency fire pump                                                             | 300        | hp              | good combustion practices                                                                                                                                                                                                                                           | 4           | G/KW-HR  |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                         | IN-0384  | emergency fire water pump                                                       | 282        | bhp             | Good combustion practices, low sulfur fuel                                                                                                                                                                                                                          | 0.15        | G        |

**RBLC Entries for GHG Control from Firewater Pumps**

| Date       | Facility Name                                   | RBLC ID  | PROCESS NAME                                          | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                              | Limit No. 1 | Unit           |
|------------|-------------------------------------------------|----------|-------------------------------------------------------|------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                       | AK-0083  | Diesel Fired Well Pump                                | 2.7        | MMBTU/H         | Limited Operation of 168 hr/yr.                                                                                                                                             | 37.2        | TONS/YEAR      |
| 1/8/2015   | MIDWEST CITY AIR DEPOT                          | OK-0164  | Diesel-Fueled Fire Pump Engines                       | 300        | HP              | 1. Good Combustion Practices.<br>2. Efficient Design.                                                                                                                       | 44          | TONS PER YEAR  |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY               | AK-0082  | Airstrip Generator Engine                             | 490        | hp              |                                                                                                                                                                             | 163         | TONS/YEAR      |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY               | AK-0082  | Agitator Generator Engine                             | 98         | hp              |                                                                                                                                                                             | 356         | TONS/YEAR      |
| 1/23/2015  | POINT THOMSON PRODUCTION FACILITY               | AK-0082  | Incinerator Generator Engine                          | 102        | hp              |                                                                                                                                                                             | 516         | TONS/YEAR      |
| 6/4/2015   | BENTLER STEEL TUBE FACILITY                     | LA-0309  | Firewater Pump Engines                                | 288        | hp (each)       |                                                                                                                                                                             | 0           |                |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY            | KS-0029  | Emergency diesel engine                               | 750        | KW              |                                                                                                                                                                             | 59.5        | TONS PER YEAR  |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC            | OH-0366  | Emergency fire pump engine (P004)                     | 140        | HP              | Efficient design                                                                                                                                                            | 41          | T/YR           |
| 12/23/2015 | LACKAWANNA ENERGY CTR/JESSUP                    | PA-0309  | Fire pump engine                                      | 15         | gal/hr          |                                                                                                                                                                             | 9           | TON            |
| 2/3/2016   | CRICKET VALLEY ENERGY CENTER                    | NY-0103  | Emergency fire pump                                   | 460        | hp              | Good combustion practice and efficient engine design.                                                                                                                       | 115         | TPY            |
| 6/8/2016   | BEAUMONT TERMINAL                               | TX-0799  | EMERGENCY ENGINES                                     | 0          |                 | Equipment specifications and good combustion practices. Operation limited to 100 hours per year.                                                                            | 6.79        | T/YR           |
| 6/17/2016  | GREENSVILLE POWER STATION                       | VA-0325  | DIESEL-FIRED WATER PUMP 376 bph (1)                   | 0          |                 | Good Combustion Practices/Maintenance                                                                                                                                       | 104         | T/YR           |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                  | LA-0314  | Diesel Firewater pump engines (6 units)               | 425        | hp              |                                                                                                                                                                             | 0           |                |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY                  | LA-0314  | Diesel emergency generator engine - EGEN              | 350        | hp              |                                                                                                                                                                             | 0           |                |
| 8/31/2016  | ST. CHARLES POWER STATION                       | LA-0313  | SCPS Emergency Diesel Firewater Pump 1                | 282        | HP              | Good combustion practices                                                                                                                                                   | 0           |                |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                          | OH-0367  | Emergency fire pump engine (P004)                     | 311        | HP              | Efficient design                                                                                                                                                            | 90          | T/YR           |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET | MI-0424  | EUPENGINE (Emergency engine--diesel fire pump)        | 500        | H/YR            | Good combustion practices.                                                                                                                                                  | 55.6        | T/YR           |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                            | *LA-0306 | Generator Engine DEG-16-1 (EQT035)                    | 460        | horsepower      | Meet NSPS Subpart IIII Limitations and Good Combustion Practices                                                                                                            | 26          | Y/YR           |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                            | *LA-0306 | Pump Engines DFP-16-1 (EQT036)                        | 225        | horsepower      | Good Combustion Practices                                                                                                                                                   | 13          | T/YR           |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                            | *LA-0306 | Pump Engine DFP-16-2 (EQT037)                         | 225        | horsepower      | Good Combustion Practices                                                                                                                                                   | 13          | T/YR           |
| 1/4/2017   | INDECK NILES, LLC                               | MI-0423  | EUPENGINE (Emergency engine--diesel fire pump)        | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                                   | 13.58       | T/YR           |
| 1/9/2017   | MONSANTO LULING PLANT                           | LA-0323  | Standby Generator No. 9 Engine                        | 400        | hp              | Proper operation and limits on hours of operation for emergency engines and compliance with 40 CFR 60 Subpart IIII                                                          | 0           |                |
| 2/17/2017  | CAMERON LNG FACILITY                            | LA-0316  | firewater pump engines (8 units)                      | 460        | hp              | good combustion practices                                                                                                                                                   | 0           |                |
| 4/19/2017  | PALLAS NITROGEN LLC                             | OH-0368  | Emergency Fire Pump Diesel Engine (P008)              | 460        | HP              | good combustion control and operating practices and engines designed to meet the stands of 40 CFR Part 60, Subpart IIII                                                     | 123         | T/YR           |
| 6/30/2017  | DONLIN GOLD PROJECT                             | AK-0084  | Fire Pump Diesel Internal Combustion Engines          | 252        | hp              | Good Combustion Practices                                                                                                                                                   | 216         | TPY (COMBINED) |
| 6/30/2017  | JACKSON COUNTY GENERATING FACILITY              | TX-0824  | Emergency Diesel-Fired Equipment                      | 160        | HP              | Good operating and maintenance practices, efficient design, and low annual capacity                                                                                         | 13          | T/YR           |
| 9/7/2017   | TRUMBULL ENERGY CENTER                          | OH-0370  | Emergency fire pump engine (P004)                     | 300        | HP              | Efficient design                                                                                                                                                            | 87          | T/YR           |
| 9/27/2017  | OREGON ENERGY CENTER                            | OH-0372  | Emergency fire pump engine (P004)                     | 300        | HP              | State-of-the-art combustion design                                                                                                                                          | 87          | T/YR           |
| 10/23/2017 | GUERNSEY POWER STATION LLC                      | OH-0374  | Emergency Fire Pump (P006)                            | 410        | HP              | good operating practices (proper maintenance and operation)                                                                                                                 | 29          | T/YR           |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                      | OH-0376  | Emergency diesel-fueled fire pump (P006)              | 250        | HP              | Equipment design and maintenance requirements                                                                                                                               | 163.6       | LB/MMBTU       |
| 4/19/2018  | HARRISON POWER                                  | OH-0377  | Emergency Fire Pump (P004)                            | 320        | HP              | Efficient design and proper maintenance and operation                                                                                                                       | 18.67       | T/YR           |
| 4/26/2018  | C&GT, LLC                                       | VA-0328  | Emergency Fire Water Pump                             | 500        | HR/YR           | good combustion practices and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                                             | 1040        | T/YR           |
| 5/2/2018   | PLAQUEMINES PLANT 1                             | LA-0328  | Emergency Diesel Engine Pump P-39A                    | 375        | HP              | Good Combustion Practices                                                                                                                                                   | 28          | T/YR           |
| 5/2/2018   | PLAQUEMINES PLANT 1                             | LA-0328  | Emergency Diesel Engine Pump P-39B                    | 300        | HP              | Good Combustion Practices                                                                                                                                                   | 28          | T/YR           |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUPENGINE (South Plant): Fire pump engine             | 300        | HP              | Good combustion practices.                                                                                                                                                  | 85.6        | T/YR           |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                | MI-0433  | EUPENGINE (North Plant): Fire pump engine             | 300        | HP              | Good combustion practices.                                                                                                                                                  | 85.6        | T/YR           |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT          | MI-0435  | EUPENGINE: Fire pump engine                           | 399        | BHP             | Energy efficient design                                                                                                                                                     | 86          | T/YR           |
| 7/30/2018  | CPV THREE RIVERS ENERGY CENTER                  | IL-0129  | Firewater Pump Engine                                 | 0          |                 |                                                                                                                                                                             | 0           |                |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT                    | TX-0846  | FIRE PUMP DIESEL ENGINE                               | 214        | KW              | Meets EPA Tier 4 requirements . Fuels with a low carbon density, regular equipment maintenance, the use of efficient equipment and operation limited to less than 100 hr/yr | 0           |                |
| 12/21/2018 | LBWL - ERICKSON STATION                         | MI-0441  | EUPPRICE--A 315 HP diesel fueled emergency engine     | 2.5        | MMBTU/H         | Good combustion practices and energy efficiency measures.                                                                                                                   | 20          | T/YR           |
| 12/21/2018 | PTTGCA PETROCHEMICAL COMPLEX                    | OH-0378  | Firewater Pumps (P005 and P006)                       | 402        | HP              | good operating practices (proper maintenance and operation)                                                                                                                 | 23          | T/YR           |
| 12/31/2018 | JACKSON ENERGY CENTER                           | IL-0130  | Firewater Pump Engine                                 | 420        | horsepower      |                                                                                                                                                                             | 241         | TONS/YEAR      |
| 2/6/2019   | PETMIN USA INCORPORATED                         | OH-0379  | Black Start Generator (P007)                          | 158        | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                 | 181.7       | LB/H           |
| 2/14/2019  | NUCOR STEEL ARKANSAS                            | AR-0171  | SN-106 Cold Mill 1 Diesel Fired Emergency Generator   | 1073       | bhp             | Good operating practices.                                                                                                                                                   | 163         | LB/MMBTU       |
| 4/1/2019   | GREEN BAY PACKAGING INC. "MILL DIVISION         | WI-0292  | P37 Diesel-Fired Emergency Fire Pump                  | 0          |                 | Hours of Operation                                                                                                                                                          | 200         | HOURS          |
| 6/13/2019  | DIRECT REDUCED IRON FACILITY                    | LA-0384  | IC Engines (EQT0153, EQT0154, EQT0156 - EQT0167)      | 0          |                 | Comply with 40 CFR 60 Subpart IIII                                                                                                                                          | 0           |                |
| 6/24/2019  | CHICKAHOMINY POWER LLC                          | VA-0332  | Emergency Fire Water Pump                             | 500        | HR/YR           | good combustion practices, high efficiency design, and the use of ultra low sulfur diesel (\$15 ULSD) fuel oil with a maximum sulfur content of 15 ppmw.                    | 106         | T/YR           |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX          | TX-0864  | EMERGENCY DIESEL ENGINE                               | 0          |                 | Tier 4 exhaust emission standards specified at 40 CFR § 1039.101(b)                                                                                                         | 0           |                |
| 11/26/2019 | INDECK NILES, LLC                               | *MI-0445 | EUPENGINE (Emergency engine-diesel fire pump          | 1.66       | MMBTU/H         | Good combustion practices                                                                                                                                                   | 13.58       | T/YR           |
| 12/12/2019 | EUEG-5 UNIT - GEISMAR PLANT                     | *LA-0381 | Emergency Engines 2-19 and 3-19 (EQT0904 and EQT0905) | 0          |                 | Good engine design<br>Good work practices                                                                                                                                   | 0           |                |
| 4/27/2020  | WASHINGTON PARISH ENERGY CENTER                 | *LA-0370 | Emergency Fire Pump Engine (EQT0021, ENG-1)           | 1.1        | MM BTU/hr       | Good combustion practices in order to comply with 40 CFR 60 Subpart IIII                                                                                                    | 9           | TPY            |
| 7/17/2020  | PETMIN USA INCORPORATED                         | OH-0383  | Black Start Generator (P007)                          | 158        | HP              | Tier IV engine<br>Good combustion practices                                                                                                                                 | 9.09        | T/YR           |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 11-01 - Melt Shop Emergency Generator              | 260        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                          | 0           |                |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 11-02 - Reheat Furnace Emergency Generator         | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                          | 0           |                |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 11-03 - Rolling Mill Emergency Generator           | 440        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                          | 0           |                |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 11-04 - IT Emergency Generator                     | 190        | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                          | 0           |                |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                         | KY-0110  | EP 11-05 - Radio Tower Emergency Generator            | 61         | HP              | This EP is required to have a Good Combustion and Operating Practices (GCOP) Plan.                                                                                          | 0           |                |

**RBLC Entries for GHG Control from Firewater Pumps**

| Date       | Facility Name                                        | RBLC ID  | PROCESS NAME                                                             | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limit No. 1 | Unit      |
|------------|------------------------------------------------------|----------|--------------------------------------------------------------------------|------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 8/8/2020   | SWEENEY OLD OCEAN FACILITIES                         | TX-0889  | Emergency Generator Engines                                              | 0          |                 | Good combustion practices and limited hours of operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0           |           |
| 8/13/2020  | GAS TREATMENT PLANT                                  | AK-0085  | Three (3) Firewater Pump Engines and two (2) Emergency Diesel Generators | 19.4       | gph             | Good combustion practices and limit operation to 500 hours per year per engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 163.6       | LB/MMBTU  |
| 9/1/2020   | NEMADJI TRAIL ENERGY CENTER                          | WI-0300  | Emergency Diesel Fire Pump (P06)                                         | 282        | HP              | Be certified by manufacturer to EPA's criteria for Tier 3 reciprocating internal combustion engines and to the 40 CFR 60, Subpart IIII emission limitations, operation limited to 500 hours/year, and operate and maintain according to the manufacturers recommendations.                                                                                                                                                                                                                                                                            | 0           |           |
| 1/7/2021   | LBWL--ERICKSON STATION                               | MI-0447  | EUFPRICE--A 315 HP diesel fueled emergency engine                        | 2.5        | MMBTU/H         | Low carbon fuel (pipeline quality natural gas), good combustion practices and energy efficiency measures.                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20          | T/YR      |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                           | *PA-0326 | Emergency Generator Parking Garage                                       | 0          |                 | Good Combustion Practices - no feasible control technologies, 10 tons CO2e Year 12 month rolling basis for Parking Garage and Telecom emergency generators combined                                                                                                                                                                                                                                                                                                                                                                                   | 10          | TONS      |
| 2/18/2021  | SHELL POLYMERS MONACA SITE                           | *PA-0326 | Emergency Generator Telecom Hut & Tower                                  | 0          |                 | Good Combustion Practices - no feasible control technologies, 10 tons CO2e Year 12 month rolling basis for Parking Garage and Telecom emergency generators combined                                                                                                                                                                                                                                                                                                                                                                                   | 10          | TONS      |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                            | AK-0086  | Diesel Fired Well Pump                                                   | 2.7        | MMBTU/hr        | Good Combustion Practices and Limited Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 164         | LB/MMBTU  |
| 1/31/2022  | BIG RIVER STEEL LLC                                  | AR-0173  | Emergency Engines                                                        | 0          |                 | Good Operating Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 164         | LB/MMBTU  |
| 1/31/2022  | BIG RIVER STEEL LLC                                  | AR-0173  | Emergency Water Pumps                                                    | 0          |                 | Good Operating Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 164         | LB/MMBTU  |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1             | LA-0391  | Emergency Diesel Fired Water Pump Engine                                 | 355        | hp              | Compliance with 40 CFR 60 Subpart IIII, good combustion practices, and the use of ultra-low sulfur diesel fuel.                                                                                                                                                                                                                                                                                                                                                                                                                                       | 74.21       | KG/MM BTU |
| 6/23/2022  | MEC NORTH, LLC                                       | MI-0451  | EUFENGINE (North Plant): Fire Pump Engine                                | 300        | HP              | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 85.6        | T/YR      |
| 6/23/2022  | MEC SOUTH, LLC                                       | MI-0452  | EUFENGINE (South Plant): Fire pump engine                                | 300        | HP              | Good combustion practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 85.6        | T/YR      |
| 7/7/2022   | LIQUEFACTION PLANT                                   | AK-0088  | Auxiliary Air Compressor Engine                                          | 14.6       | Gal/hr          | Good Combustion Practices; Limited Operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 163.6       | LB/MMBTU  |
| 7/29/2022  | LINCOLN LAND ENERGY CENTER                           | IL-0133  | Fire Water Pump Engine                                                   | 320        | horsepower      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 92          | TONS/YEAR |
| 9/27/2022  | GENERAL MOTORS LLC ORION ASSEMBLY                    | MI-0453  | FGEMENGINES                                                              | 500        | h/yr            | Hours of Operation Restriction, Good Combustion Practices, Compliance with NSPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 656.2       | T/YR      |
| 12/20/2022 | LBWL-ERICKSON STATION                                | MI-0454  | EUFPRICE--A 315 HP diesel-fueled emergency engine                        | 2.5        | MMBTU/H         | Low carbon fuel (pipeline quality natural gas), good combustion practices, and energy efficiency measures.                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20          | T/YR      |
| 12/22/2022 | IRON UNITS LLC                                       | OH-0388  | P010 - 225 Hp Diesel engine for bulk material screen                     | 225        | HP              | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1209        | T/YR      |
| 12/22/2022 | IRON UNITS LLC                                       | OH-0388  | P012 - 125 Hp Diesel Engine for Screen Bypass Screen                     | 125        | HP              | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 65          | T/YR      |
| 12/22/2022 | IRON UNITS LLC                                       | OH-0388  | P011 and P013 - 100 Hp Diesel Engine                                     | 100        | HP              | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 539         | T/YR      |
| 3/30/2023  | NUCOR STEEL                                          | IN-0359  | Emergency Generator (CC-GEN2)                                            | 500        | Horsepower      | Good engineering design and manufacturers recommended operating and maintenance procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 163.6       | LB/MMBTU  |
| 4/28/2023  | HYBAR LLC                                            | AR-0180  | Emergency Water Pumps                                                    | 0          |                 | Good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 164         | LB/MMBTU  |
| 9/19/2023  | NEMADJI TRAIL ENERGY CENTER                          | *WI-0326 | Fire Pump; S06/P06 " Emergency Diesel Fire Pump                          | 282        | HP              | Selection of the most efficient reciprocating internal combustion engine and minimizing the hours of operation limits greenhouse gas emissions.<br>- EPA Tier 3 certified reciprocating internal combustion engine and<br>- limiting its hours of operation to 500 hours per each 12 consecutive calendar months.<br>- Part of ensuring efficient engine operation is properly maintaining the engine and the combustion of clean fuels. In this case, clean fuel is determined to be ultra-low sulfur diesel fuel (less than 15 ppm sulfur content). | 500         | HOURS     |
| 12/12/2023 | GEISMAR PLANT                                        | *LA-0394 | 05-22 - AO-5 BDL Area PAD Sump Pump Driver                               | 200        | horsepower      | Use of good combustion practices and compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0           |           |
| 12/12/2023 | GEISMAR PLANT                                        | *LA-0394 | 52-22 - PAO Area PAD Sump Pump Driver                                    | 200        | horsepower      | Use of good combustion practices, compliance with NSPS Subpart IIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |           |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                    | *LA-0402 | HLK39 - Emergency Diesel Fire Pump Engine (EQT0094)                      | 200        | horsepower      | Good Combustion Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12          | T/YR      |
| 12/21/2023 | CRONUS CHEMICALS                                     | IL-0134  | Firewater Pump Engine                                                    | 369        | hp              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25          | TONS/YEAR |
| 6/27/2024  | LANSING BOARD OF WATER AND LIGHT--DELTA ENERGY PARK  | MI-0459  | EUFIREPUMP                                                               | 500        | bhp             | Good combustion practices, use of current energy efficiency measures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 27          | T/YR      |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                          | *LA-0403 | 4U-11 - Substation Emergency Generator                                   | 70         | horsepower      | BACT is determined to be the implementation of the following energy efficiency measures: Improved Combustion Measures, Insulation, and Minimization of Air Infiltration                                                                                                                                                                                                                                                                                                                                                                               | 0           |           |
| 2/14/2025  | DUKE ENERGY INDIANA, INC.- CAYUGA GENERATING STATION | IN-0382  | Emergency fire pump                                                      | 300        | hp              | good combustion practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0           |           |
| 3/31/2025  | SYCAMORE RIVERSIDE ENERGY LLC                        | IN-0384  | emergency fire water pump                                                | 282        | bhp             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |           |



**RBLC Entries for PM<sub>10</sub> Control from Cooling Towers**

| Date       | Facility Name                            | RBLC ID  | PROCESS NAME                                                | THROUGHPUT | THROUGHPUT U   | Control Method                                                                                                       | Limit No. 1 | Unit         |
|------------|------------------------------------------|----------|-------------------------------------------------------------|------------|----------------|----------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 9/23/2019  | SUN BIO MATERIAL COMPANY                 | AR-0161  | Cooling Towers                                              | 0          |                | Drift Eliminators<br>Low TDS                                                                                         | 0.0005      | % DRIFT LOSS |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                 | AR-0161  | Cooling Towers                                              | 0          |                | Drift Eliminators<br>Low TDS                                                                                         | 0.0005      | % DRIFT LOSS |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                | FL-0363  | Mechanical draft cooling system                             | 0          |                | Certified drift rate < 0.0005%                                                                                       | 0.0005      | % DRIFT RATE |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY      | FL-0367  | Mechanical Draft Auxiliary Cooling System                   | 0          |                | Certified drift rate < 0.0005%                                                                                       | 0.0005      | % DRIFT RATE |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY      | FL-0371  | Mechanical Draft Auxiliary Cooling System                   | 0          |                | Certified drift rate < 0.0005%                                                                                       | 0.0005      | % DRIFT RATE |
| 12/21/2023 | CRONUS CHEMICALS                         | IL-0134  | Cooling Tower                                               | 145310     | gallons/minute | High efficiency drift eliminators                                                                                    | 0.0005      | PERCENT      |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION             | IN-0317  | Cooling tower EU-6001                                       | 32000      | GAL/HR         | drift eliminator                                                                                                     | 2395        | MG/L         |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY     | KS-0029  | Mechanical draft cooling tower                              | 0          |                | high efficiency drift eliminators (integral part of the design)                                                      | 0.0005      | % DRIFT RATE |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-01 - Melt Shop ICW Cooling Tower                      | 52000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.36        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-01 - Melt Shop ICW Cooling Tower                      | 52000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.27        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-02 - Melt Shop DCW Cooling Tower                      | 5900       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.04        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-02 - Melt Shop DCW Cooling Tower                      | 5900       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.03        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-03 - Rolling Mill ICW Cooling Tower                   | 8500       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.06        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-03 - Rolling Mill ICW Cooling Tower                   | 8500       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.04        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-04 - Rolling Mill DCW Cooling Tower                   | 22750      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.17        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-04 - Rolling Mill DCW Cooling Tower                   | 22750      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.12        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-05 - Rolling Mill Quench/ACC Cooling Tower            | 90000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.78        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-05 - Rolling Mill Quench/ACC Cooling Tower            | 90000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.54        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-06 - Light Plate Quench DCW Cooling Tower             | 8000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.06        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-06 - Light Plate Quench DCW Cooling Tower             | 8000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.04        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-07 - Heavy Plate Quench DCW Cooling Tower             | 3000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.02        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-07 - Heavy Plate Quench DCW Cooling Tower             | 3000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.02        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-08 - Air Separation Plant Cooling Tower               | 14000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.1         | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-08 - Air Separation Plant Cooling Tower               | 14000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.08        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Laminar Cooling Tower - Hot Mill Cells (EP 03-09)           | 35000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.27        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Laminar Cooling Tower - Hot Mill Cells (EP 03-09)           | 35000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.19        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Direct Cooling Tower-Caster; Roughing Mill Cells (EP 03-10) | 26300      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.17        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Direct Cooling Tower-Caster; Roughing Mill Cells (EP 03-10) | 26300      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.12        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Melt Shop #2 Cooling Tower (indirect) (EP 03-11)            | 59500      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.39        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Melt Shop #2 Cooling Tower (indirect) (EP 03-11)            | 59500      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.29        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Cold Mill Cooling Tower (EP 03-12)                          | 20000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.14        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Cold Mill Cooling Tower (EP 03-12)                          | 20000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.094       | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Air Separation Plant Cooling Tower (EP 03-13)               | 15000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.08        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Air Separation Plant Cooling Tower (EP 03-13)               | 15000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.07        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | DCW Auxiliary Cooling Tower (EP 03-14)                      | 9250       | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.06        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | DCW Auxiliary Cooling Tower (EP 03-14)                      | 9250       | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.05        | LB/HR        |
| 7/25/2022  | NOVELIS CORPORATION - GUTHRIE            | KY-0116  | EU 043 - Cooling Tower #1                                   | 0.15       | MMgal/hr       | Mist Eliminator (0.001% drift loss), Total Dissolved Solids (TDS) concentration limit of 1000 ppm                    | 0.013       | LB/HR        |
| 7/25/2022  | NOVELIS CORPORATION - GUTHRIE            | KY-0116  | EU 043 - Cooling Tower #1                                   | 0.15       | MMgal/hr       | Mist Eliminator (0.001% drift loss), Total Dissolved Solids (TDS) concentration limit of 1000 ppm                    | 0.006       | LB/HR        |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY           | LA-0305  | Cooling Towers                                              | 0          |                | Drift eliminators                                                                                                    | 0.0005      | %            |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY             | LA-0309  | Cooling Towers                                              | 0          |                | drift eliminators                                                                                                    | 0.0005      | % DRIFT RATE |
| 6/30/2017  | ST. JAMES METHANOL PLANT                 | *LA-0312 | ECT-14 - Econamine Cooling Tower (EQT0018)                  | 29120      | gallons/min    | High efficiency drift eliminators                                                                                    | 0.44        | TPY          |
| 6/30/2017  | ST. JAMES METHANOL PLANT                 | *LA-0312 | CT-13 - Cooling Tower (EQT0007)                             | 231000     | gallons/min    | High efficiency drift eliminators                                                                                    | 0.96        | LB/HR        |
| 8/31/2016  | ST. CHARLES POWER STATION                | LA-0313  | SCPS Cooling Tower 1                                        | 164400     | gpm            | High efficiency drift eliminators                                                                                    | 1.24        | LB/H         |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY           | LA-0314  | cooling towers - 007                                        | 86500      | gpm            | drift eliminators                                                                                                    | 0.0005      | %            |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT        | LA-0317  | cooling towers (I-CT-621, II-CT-621)                        | 66000      | gpm (each)     | Drift eliminators                                                                                                    | 0.001       | %            |
| 1/7/2016   | FLOPAM FACILITY                          | LA-0318  | cooling towers                                              | 0          |                | integrated drift eliminators                                                                                         | 0           |              |
| 1/9/2017   | MONSANTO LULING PLANT                    | LA-0323  | Cooling Water Tower                                         | 18000      | gal/m          | Drift Eliminators with Draft Factor of 0.003%                                                                        | 0.003       | %            |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1 | LA-0391  | Cooling Tower                                               | 8400       | gal/m          | High-efficiency drift eliminators.                                                                                   | 0.0005      | %            |
| 12/12/2023 | GEISMAR PLANT                            | *LA-0394 | 04-22 - AO-5 Cooling Water Tower, W-S5401                   | 47410      | gallons/min    | Implementation of a heat exchange leak detection and repair program consistent with 40 CFR 63 Subpart F requirements | 0.18        | LB/HR        |

**RBLC Entries for PM<sub>10</sub> Control from Cooling Towers**

| Date       | Facility Name                                     | RBLC ID  | PROCESS NAME                                          | THROUGHPUT | THROUGHPUT U | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Limit No. 1 | Unit       |
|------------|---------------------------------------------------|----------|-------------------------------------------------------|------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                      | *LA-0401 | CWT - Cooling Water Tower                             | 200000     |              | Use of High efficiency drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0           |            |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                 | *LA-0402 | HLK40 - Cooling Towers (EQ0095)                       | 125856     | gallons/min  | Drift elimination system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.06        | LB/H       |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                       | *LA-0403 | 4C-4 - C/A Cooling Tower                              | 64600      | gallons/min  | High efficiency drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.23        | LB/HR      |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                       | *LA-0403 | 4M-7 - VCM Cooling Tower 1                            | 122269     | gallons/min  | Drift Eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.36        | LB/HR      |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                       | *LA-0403 | 4M-18 - VCM Cooling Tower 2                           | 28620      | gallons/min  | Drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.08        | LB/HR      |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET   | MI-0424  | EUCOOLTWR (Cooling Tower--Wet Mechanical Draft)       | 0          |              | Mist/drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.37        | T/YR       |
| 11/17/2017 | FILER CITY STATION                                | MI-0427  | EUCOOLTWR (Cooling Tower--Wet Mechanical Draft)       | 0          |              | Mist/Drift Eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.0006      | %          |
| 11/17/2017 | FILER CITY STATION                                | MI-0427  | EUCOOLTWR (Cooling Tower--Wet Mechanical Draft)       | 0          |              | Mist/Drift Eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.0006      | %          |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCOOLTOWER (North Plant): Cooling Tower              | 170000     | GAL/M        | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.59        | T/YR       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCOOLTOWER (North Plant): Cooling Tower              | 170000     | GAL/M        | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.85        | T/YR       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCOOLTOWER (South Plant): Cooling Tower              | 170000     | GAL/M        | High efficiency drift/mist eliminators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.59        | T/YR       |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                  | MI-0433  | EUCOOLTOWER (South Plant): Cooling Tower              | 170000     | GAL/M        | High efficiency drift/mist eliminators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.85        | T/YR       |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUCOOLINGTWR: Cooling Tower                           | 0          |              | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.03        | LB/H       |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT            | MI-0435  | EUCOOLINGTWR: Cooling Tower                           | 0          |              | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.48        | LB/H       |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                       | MI-0442  | FGCOOLTWR                                             | 92500      | GAL/M        | Particulate in water droplets will be controlled with high efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.6         | T/YR       |
| 5/20/2015  | OREGON ENERGY CENTER                              | OH-0364  | Cooling Towers #1; #2 (P009; P010)                    | 115037     | GAL/M        | advanced drift eliminators with a drift rate of less than 0.0005 percent and maintain the total dissolved solids (TDS) content of the circulating cooling water at 5,130 mg/L or less as a 24-hour rolling average                                                                                                                                                                                                                                                                                                                                      | 1.48        | LB/H       |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC              | OH-0366  | Wet Cooling Tower (P005)                              | 165470     | GAL/M        | Drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 3,075 milligrams per liter.                                                                                                                                                                                                                                                                                                                                                                             | 1.27        | LB/H       |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                            | OH-0367  | Cooling Towers (2 identical, P005 and P006)           | 118441     | GAL/M        | High efficiency drift eliminators and minimize total dissolved solid (TDS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.33        | LB/H       |
| 4/19/2017  | PALLAS NITROGEN LLC                               | OH-0368  | Cooling Towers #1; #2 (P010; P011)                    | 79800      | GAL/M        | drift eliminators with a maximum drift rate specification of 0.0005 percent or less and total dissolved solids (TDS) concentration of the cooling water less than or equal to 5,000 milligrams per liter (mg/l)                                                                                                                                                                                                                                                                                                                                         | 0.3         | LB/H       |
| 4/19/2017  | PALLAS NITROGEN LLC                               | OH-0368  | Wastewater Treatment Plant Cooling Water Tower (P012) | 1000       | GAL/M        | drift eliminators with a maximum drift rate specification of 0.0005 percent or less and total dissolved solids (TDS) concentration of the cooling water less than or equal to 50,000 milligrams per liter (mg/l)                                                                                                                                                                                                                                                                                                                                        | 5           | X10-4 LB/H |
| 9/7/2017   | TRUMBULL ENERGY CENTER                            | OH-0370  | Wet Cooling Tower (P005)                              | 155083     | GAL/M        | drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 3,500 milligrams per liter (mg/l).                                                                                                                                                                                                                                                                                                                                                                      | 1.36        | LB/H       |
| 9/27/2017  | OREGON ENERGY CENTER                              | OH-0372  | Wet Cooling Tower (P005)                              | 155083     | GAL/M        | drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 3,500 milligrams per liter (mg/l).                                                                                                                                                                                                                                                                                                                                                                      | 0.93        | LB/H       |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER | OH-0375  | Wet Mechanical Draft Cooling Tower (P003)             | 120000     | GAL/M        | High efficiency drift eliminator designed to achieve a 0.0005% drift rate and total dissolved solids (TDS) content not to exceed 5,000 mg/L.                                                                                                                                                                                                                                                                                                                                                                                                            | 4.24        | T/YR       |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                        | OH-0376  | Wet Cooling Tower (P005)                              | 24766      | GAL/M        | drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 1,100 parts per million by weight (ppmw).                                                                                                                                                                                                                                                                                                                                                               | 0.02        | LB/H       |
| 12/21/2018 | PTTGCA PETROCHEMICAL COMPLEX                      | OH-0378  | Cooling Tower (P011)                                  | 13.88      | MMGAL/H      | High efficiency drift eliminator designed to achieve a 0.0005% drift rate and maintenance of a total dissolved solids (TDS) content not to exceed 2,000 ppm in the circulating cooling water based on a rolling 12-month average.                                                                                                                                                                                                                                                                                                                       | 3.22        | T/YR       |
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                    | OH-0381  | Contact Cooling Towers - Melt Shop 2 (P027)           | 2.7        | MMGAL/H      | Use of drift eliminator(s) designed to achieve a 0.001% drift rate;<br>Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop 2 Cooling Tower - 1000<br>Caster Mold Water Cooling Tower - 800<br>Tunnel Furnace Cooling Tower - 800<br>Caster Non-Contact 2 Cooling Tower - 800<br>Caster Contact 2 Cooling Tower - 1400                      | 1.17        | T/YR       |
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                    | OH-0381  | Contact Cooling Towers - Melt Shop 2 (P027)           | 2.7        | MMGAL/H      | Use of drift eliminator(s) designed to achieve a 0.001% drift rate;<br>Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop 2 Cooling Tower - 1000<br>Caster Mold Water Cooling Tower - 800<br>Tunnel Furnace Cooling Tower - 800<br>Caster Non-Contact 2 Cooling Tower - 800<br>Caster Contact 2 Cooling Tower - 1400                      | 0.93        | T/YR       |
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                    | OH-0381  | Contact Cooling Towers (P014)                         | 6.41       | MMGAL/H      | Use of drift eliminator(s) designed to achieve a 0.003% drift rate;<br>Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop Cooling Tower (501) - 800<br>Caster Non-Contact Cooling Tower (6 Cell) - 800<br>Caster Contact Cooling Tower (503) - 1100<br>Mill Contact Cooling Tower (505) - 2000<br>Laminar Flow Cooling Tower (506) - 1400 | 8.7         | T/YR       |

**RBL Entries for PM<sub>10</sub> Control from Cooling Towers**

| Date       | Facility Name                                              | RBL ID  | PROCESS NAME                      | THROUGHPUT | THROUGHPUT U       | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Limit No. 1 | Unit                |
|------------|------------------------------------------------------------|---------|-----------------------------------|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                             | OH-0381 | Contact Cooling Towers (P014)     | 6.41       | MMGAL/H            | Use of drift eliminator(s) designed to achieve a 0.003% drift rate;<br>Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop Cooling Tower (501) - 800<br>Caster Non-Contact Cooling Tower (6 Cell) - 800<br>Caster Contact Cooling Tower (503) - 1100<br>Mill Contact Cooling Tower (505) - 2000<br>Laminar Flow Cooling Tower (506) - 1400 | 6.95        | T/YR                |
| 9/20/2022  | INTEL OHIO SITE                                            | OH-0387 | Cooling Towers: P054 through P178 | 0          |                    | Drift eliminator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.0005      | %                   |
| 10/27/2023 | VALENCIA PROJECT LLC                                       | OH-0391 | Cooling Towers (P023, P024, P025) | 0          |                    | A drift eliminator achieving a drift loss equal to or less than 0.0005 percent                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.04        | LB/H                |
| 10/31/2023 | SCOUT MOTORS INC A DELAWARE CORPORATION - BLYTHEWOOD PLANT | SC-0205 | Cooling Towers                    | 0          |                    | Drift Eliminator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.001       | % DRIFT RATE        |
| 10/31/2023 | SCOUT MOTORS INC A DELAWARE CORPORATION - BLYTHEWOOD PLANT | SC-0205 | Cooling Towers                    | 0          |                    | Drift Eliminator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.001       | % DRIFT RATE        |
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY                      | TX-0728 | Cooling tower                     | 40000      | gallons per minute | drift eliminator is 0.0005% efficient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.31        | LB/H                |
| 11/12/2015 | BISHOP FACILITY                                            | TX-0774 | Cooling Tower                     | 10400      |                    | Drift eliminators meeting 0.001% drift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.07        | TPY                 |
| 7/12/2016  | PL PROPYLENE HOUSTON OLEFINS PLANT                         | TX-0803 | Cooling Tower                     | 0          |                    | drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.001       | % DRIFT             |
| 1/17/2017  | PORT ARTHUR ETHANE SIDE CRACKER                            | TX-0815 | Cooling Tower                     | 0          |                    | Drift Eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |                     |
| 1/9/2018   | EXXONMOBIL BEAUMONT REFINERY                               | TX-0832 | COOLING TOWERS                    | 0          |                    | DRAFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |                     |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                            | TX-0834 | COOLING TOWER                     | 9864000    | GAL/H              | DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |                     |
| 9/3/2019   | POLYETHYLENE 7 FACILITY                                    | TX-0863 | COOLING TOWER                     | 0          |                    | DRIFT ELIMINATOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |                     |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX                     | TX-0864 | Cooling Tower                     | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.005       | % DRIFT             |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX                     | TX-0865 | COOLING TOWER                     | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6000        | PPMW                |
| 2/4/2020   | PORT ARTHUR REFINERY                                       | TX-0873 | COOLING TOWER                     | 35000      | GPM                | DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |                     |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                            | TX-0876 | COOLING TOWER                     | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1200        | PPM                 |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                            | TX-0876 | COOLING TOWER                     | 0          |                    | DRAFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1200        | PPM                 |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                                  | TX-0888 | COOLING TOWERS                    | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |                     |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX                  | TX-0904 | COOLING TOWER                     | 0          |                    | Non-contact design and DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1200        | PPMW                |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY                  | TX-0905 | COOLING TOWER                     | 0          |                    | DRIFT ELIMINATORS 0.001%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0           |                     |
| 3/17/2021  | UNIT 5                                                     | TX-0915 | COOLING TOWER                     | 0          |                    | Drift eliminators 0.0005%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 60000       | PPM                 |
| 6/13/2022  | HOUSTON PLANT - 46307                                      | TX-0922 | COOLING TOWER                     | 0          |                    | Drift eliminators with 0.0005% drift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                     |
| 10/19/2021 | CENTURION BROWNSVILLE                                      | TX-0930 | Cooling Tower                     | 0          |                    | Drift eliminators required. Maximum drift 0.0005 percent. TDS limit of 3,500 ppmw in the cooling water. Daily sampling for TDS required, or weekly TDS sampling is allowed if conductivity is monitored daily and a TDS to conductivity ratio is established.                                                                                                                                                                                                                                                                                           | 0           |                     |
| 12/16/2021 | ROEHM AMERICA BAY CITY SITE                                | TX-0931 | Cooling Tower                     | 0          |                    | Drift eliminators with 0.001% drift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0           |                     |
| 5/3/2024   | VALERO CORPUS CHRISTI REFINERY WEST PLANT                  | TX-0938 | COOLING TOWER                     | 0          |                    | Drift eliminators 0.001% drift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                     |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION                       | TX-0939 | COOLING TOWER                     | 13734000   | GAL/HR             | 0.001% DRIFT ELIMINATORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0           |                     |
| 9/6/2022   | FIBERGLASS MANUFACTURING FACILITY                          | TX-0940 | COOLING TOWER                     | 2175       | GAL/MIN            | DRIFT ELIMINATOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.001       | %                   |
| 10/5/2023  | NEDERLAND FACILITY                                         | TX-0964 | COOLING TOWERS                    | 0          |                    | Drift eliminators with 0.001% drift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2000        | PPMW                |
| 10/5/2023  | NEDERLAND FACILITY                                         | TX-0964 | COOLING TOWERS                    | 0          |                    | Drift eliminators with 0.001% drift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2000        | PPMW                |
| 2/5/2024   | QUAIL RUN CARBON CAPTURE PLANT                             | TX-0967 | COOLING TOWERS                    | 142700     | gal/min            | drift eliminators 0.0005%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |                     |
| 4/26/2018  | C4GT, LLC                                                  | VA-0328 | Cooling Tower                     | 0          |                    | Drift rate of 0.00050 percent of the circulating water flow with mist eliminators and a total dissolved solids content of the cooling water, not to exceed 6250 mg/liter.                                                                                                                                                                                                                                                                                                                                                                               | 0           |                     |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT            | WI-0284 | P02A-P; P03A-P Cooling Towers     | 0          |                    | Drift Eliminator& Cooling Additive Control System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |                     |
| 9/27/2019  | SUPERIOR REFINING COMPANY LLC                              | WI-0311 | Cooling Tower No.1 (P80)          | 10000      | GPM                | Drift eliminator, cooling additive control system that results in a total dissolved solids (TDS) concentration of not more than 3,000 ppm.                                                                                                                                                                                                                                                                                                                                                                                                              | 0.0005      | % CIRCULATION DRIFT |

**RBLC Entries for PM<sub>2.5</sub> Control from Cooling Towers**

| Date       | Facility Name                            | RBLC ID  | PROCESS NAME                                                | THROUGHPUT | THROUGHPUT U   | Control Method                                                                                                       | Limit No. 1 | Unit         |
|------------|------------------------------------------|----------|-------------------------------------------------------------|------------|----------------|----------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 9/23/2019  | SUN BIO MATERIAL COMPANY                 | AR-0161  | Cooling Towers                                              | 0          |                | Drift Eliminators<br>Low TDS                                                                                         | 0.0005      | % DRIFT LOSS |
| 9/23/2019  | SUN BIO MATERIAL COMPANY                 | AR-0161  | Cooling Towers                                              | 0          |                | Drift Eliminators<br>Low TDS                                                                                         | 0.0005      | % DRIFT LOSS |
| 12/4/2017  | DANIA BEACH ENERGY CENTER                | FL-0363  | Mechanical draft cooling system                             | 0          |                | Certified drift rate < 0.0005%                                                                                       | 0.0005      | % DRIFT RATE |
| 7/27/2018  | SHADY HILLS COMBINED CYCLE FACILITY      | FL-0367  | Mechanical Draft Auxiliary Cooling System                   | 0          |                | Certified drift rate < 0.0005%                                                                                       | 0.0005      | % DRIFT RATE |
| 6/7/2021   | SHADY HILLS COMBINED CYCLE FACILITY      | FL-0371  | Mechanical Draft Auxiliary Cooling System                   | 0          |                | Certified drift rate < 0.0005%                                                                                       | 0.0005      | % DRIFT RATE |
| 12/21/2023 | CRONUS CHEMICALS                         | IL-0134  | Cooling Tower                                               | 145310     | gallons/minute | High efficiency drift eliminators                                                                                    | 0.0005      | PERCENT      |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION             | IN-0317  | Cooling tower EU-6001                                       | 32000      | GAL/HR         | drift eliminator                                                                                                     | 2395        | MG/L         |
| 7/14/2015  | THE EMPIRE DISTRICT ELECTRIC COMPANY     | KS-0029  | Mechanical draft cooling tower                              | 0          |                | high efficiency drift eliminators (integral part of the design)                                                      | 0.0005      | % DRIFT RATE |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-01 - Melt Shop ICW Cooling Tower                      | 52000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.36        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-01 - Melt Shop ICW Cooling Tower                      | 52000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0008      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-02 - Melt Shop DCW Cooling Tower                      | 5900       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.04        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-02 - Melt Shop DCW Cooling Tower                      | 5900       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0001      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-03 - Rolling Mill ICW Cooling Tower                   | 8500       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.06        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-03 - Rolling Mill ICW Cooling Tower                   | 8500       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0001      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-04 - Rolling Mill DCW Cooling Tower                   | 22750      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.17        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-04 - Rolling Mill DCW Cooling Tower                   | 22750      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0004      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-05 - Rolling Mill Quench/ACC Cooling Tower            | 90000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.78        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-05 - Rolling Mill Quench/ACC Cooling Tower            | 90000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0017      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-06 - Light Plate Quench DCW Cooling Tower             | 8000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.06        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-06 - Light Plate Quench DCW Cooling Tower             | 8000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0001      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-07 - Heavy Plate Quench DCW Cooling Tower             | 3000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.02        | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-07 - Heavy Plate Quench DCW Cooling Tower             | 3000       | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0001      | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-08 - Air Separation Plant Cooling Tower               | 14000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.1         | LB/HR        |
| 7/23/2020  | NUCOR STEEL BRANDENBURG                  | KY-0110  | EP 09-08 - Air Separation Plant Cooling Tower               | 14000      | gal/min        | High Efficiency Mist Eliminator. The mist eliminator drift loss shall be maintained at 0.001% or less to total gpm.  | 0.0002      | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Laminar Cooling Tower - Hot Mill Cells (EP 03-09)           | 35000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.27        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Laminar Cooling Tower - Hot Mill Cells (EP 03-09)           | 35000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.0006      | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Direct Cooling Tower-Caster; Roughing Mill Cells (EP 03-10) | 26300      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.17        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Direct Cooling Tower-Caster; Roughing Mill Cells (EP 03-10) | 26300      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.0004      | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Melt Shop #2 Cooling Tower (indirect) (EP 03-11)            | 59500      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.39        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Melt Shop #2 Cooling Tower (indirect) (EP 03-11)            | 59500      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.0008      | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Cold Mill Cooling Tower (EP 03-12)                          | 20000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.14        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Cold Mill Cooling Tower (EP 03-12)                          | 20000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.0003      | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Air Separation Plant Cooling Tower (EP 03-13)               | 15000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.08        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | Air Separation Plant Cooling Tower (EP 03-13)               | 15000      | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.0002      | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | DCW Auxiliary Cooling Tower (EP 03-14)                      | 9250       | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.06        | LB/HR        |
| 4/19/2021  | NUCOR STEEL GALLATIN, LLC                | KY-0115  | DCW Auxiliary Cooling Tower (EP 03-14)                      | 9250       | gal/min        | Mist Eliminator, 0.001% drift loss                                                                                   | 0.0001      | LB/HR        |
| 7/25/2022  | NOVELIS CORPORATION - GUTHRIE            | KY-0116  | EU 043 - Cooling Tower #1                                   | 0.15       | MMga/hr        | Mist Eliminator (0.001% drift loss), Total Dissolved Solids (TDS) concentration limit of 1000 ppm                    | 0.013       | LB/HR        |
| 7/25/2022  | NOVELIS CORPORATION - GUTHRIE            | KY-0116  | EU 043 - Cooling Tower #1                                   | 0.15       | MMga/hr        | Mist Eliminator (0.001% drift loss), Total Dissolved Solids (TDS) concentration limit of 1000 ppm                    | 0           | LB/HR        |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY           | LA-0305  | Cooling Towers                                              | 0          |                | Drift eliminators                                                                                                    | 0.0005      | %            |
| 12/20/2016 | TOPCHEM POLLOCK, LLC                     | *LA-0306 | Cooling Tower CT-16-1 (EQT032)                              | 1000       | gallons/min    | High Efficiency Drift Eliminator                                                                                     | 0.001       | LB/H         |
| 6/4/2015   | BENTELER STEEL TUBE FACILITY             | LA-0309  | Cooling Towers                                              | 0          |                | drift eliminators                                                                                                    | 0.0005      | % DRIFT RATE |
| 6/30/2017  | ST. JAMES METHANOL PLANT                 | *LA-0312 | ECT-14 - Econamine Cooling Tower (EQT0018)                  | 29120      | gallons/min    | High efficiency drift eliminators                                                                                    | 0.01        | TPY          |
| 6/30/2017  | ST. JAMES METHANOL PLANT                 | *LA-0312 | CT-13 - Cooling Tower (EQT0007)                             | 231000     | gallons/min    | High efficiency drift eliminators                                                                                    | 0.01        | LB/HR        |
| 8/31/2016  | ST. CHARLES POWER STATION                | LA-0313  | SCPS Cooling Tower 1                                        | 164400     | gpm            | High efficiency drift eliminators                                                                                    | 1.24        | LB/H         |
| 8/3/2016   | INDORAMA LAKE CHARLES FACILITY           | LA-0314  | cooling towers - 007                                        | 86500      | gpm            | drift eliminators                                                                                                    | 0.0005      | %            |
| 12/22/2016 | METHANEX - GEISMAR METHANOL PLANT        | LA-0317  | cooling towers (I-CT-621, II-CT-621)                        | 66000      | gpm (each)     | drift eliminators                                                                                                    | 0.001       | %            |
| 1/9/2017   | MONSANTO LULING PLANT                    | LA-0323  | Cooling Water Tower                                         | 18000      | gal/m          | Drift Eliminators with Drift Factor of 0.003%                                                                        | 0           |              |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1 | LA-0391  | Cooling Tower                                               | 8400       | gal/m          | High-efficiency drift eliminators.                                                                                   | 0.0005      | %            |
| 12/12/2023 | GEISMAR PLANT                            | *LA-0394 | 04-22 - AO-5 Cooling Water Tower, W-S5401                   | 47410      | gallons/min    | Implementation of a heat exchange leak detection and repair program consistent with 40 CFR 63 Subpart F requirements | 0.15        | LB/HR        |

**RBLC Entries for PM<sub>2.5</sub> Control from Cooling Towers**

| Date       | Facility Name                                              | RBLC ID  | PROCESS NAME                                    | THROUGHPUT | THROUGHPUT U | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit No. 1 | Unit         |
|------------|------------------------------------------------------------|----------|-------------------------------------------------|------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 12/20/2023 | KOCH METHANOL (KME) FACILITY                               | *LA-0401 | CWT - Cooling Water Tower                       | 200000     | gallons/min  | Use of high efficiency drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           | LB/H         |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                          | *LA-0402 | HLK40 - Cooling Towers (EQT0095)                | 125856     | gallons/min  | Drift elimination system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.02        | LB/H         |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                                | *LA-0403 | 4C-4 - C/A Cooling Tower                        | 64600      | gallons/min  | High efficiency drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.14        | HR/YR        |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                                | *LA-0403 | 4M-7 - VCM Cooling Tower 1                      | 122269     | gallons/min  | Drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.21        | LB/HR        |
| 12/16/2024 | SHINTECH PLAQUEMINE PLANT 4                                | *LA-0403 | 4M-18 - VCM Cooling Tower 2                     | 28620      | gallons/min  | Drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.05        | LB/HR        |
| 12/5/2016  | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH STREET            | MI-0424  | EUCOOLTWR (Cooling Tower--Wet Mechanical Draft) | 0          |              | Mist/drift eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.37        | T/YR         |
| 11/17/2017 | FILER CITY STATION                                         | MI-0427  | EUCOOLTWR (Cooling Tower--Wet Mechanical Draft) | 0          |              | Mist/Drift Eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.0006      | %            |
| 11/17/2017 | FILER CITY STATION                                         | MI-0427  | EUCOOLTWR (Cooling Tower--Wet Mechanical Draft) | 0          |              | Mist/Drift Eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.0006      | %            |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                           | MI-0433  | EUCOOLTOWER (North Plant): Cooling Tower        | 170000     | GAL/M        | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.59        | T/YR         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                           | MI-0433  | EUCOOLTOWER (North Plant): Cooling Tower        | 170000     | GAL/M        | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.85        | T/YR         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                           | MI-0433  | EUCOOLTOWER (South Plant): Cooling Tower        | 170000     | GAL/M        | High efficiency drift/mist eliminators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.59        | T/YR         |
| 6/29/2018  | MEC NORTH, LLC AND MEC SOUTH LLC                           | MI-0433  | EUCOOLTOWER (South Plant): Cooling Tower        | 170000     | GAL/M        | High efficiency drift/mist eliminators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.85        | T/YR         |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT                     | MI-0435  | EUCOOLINGTWR: Cooling Tower                     | 0          |              | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.03        | LB/H         |
| 7/16/2018  | BELLE RIVER COMBINED CYCLE POWER PLANT                     | MI-0435  | EUCOOLINGTWR: Cooling Tower                     | 0          |              | High efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.48        | LB/H         |
| 8/21/2019  | THOMAS TOWNSHIP ENERGY, LLC                                | MI-0442  | FGCOOLTWR                                       | 92500      | GAL/M        | Particulate in water droplets will be controlled with high efficiency drift/mist eliminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.6         | T/YR         |
| 8/25/2015  | CLEAN ENERGY FUTURE - LORDSTOWN, LLC                       | OH-0366  | Wet Cooling Tower (P005)                        | 165470     | GAL/M        | Drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 3,075 milligrams per liter.                                                                                                                                                                                                                                                                                                                                                                                    | 0.51        | LB/H         |
| 9/23/2016  | SOUTH FIELD ENERGY LLC                                     | OH-0367  | Cooling Towers 2 (identical, P005 and P006)     | 118441     | GAL/M        | High efficiency drift eliminators and minimize total dissolved solid (TDS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.534       | LB/H         |
| 4/19/2017  | PALLAS NITROGEN LLC                                        | OH-0368  | Cooling Towers #1; #2 (P010; P011)              | 79800      | GAL/M        | drift eliminators with a maximum drift rate specification of 0.0005 percent or less and total dissolved solids (TDS) concentration of the cooling water less than or equal to 5,000 milligrams per liter (mg/l)                                                                                                                                                                                                                                                                                                                                                | 0.0018      | LB/H         |
| 9/7/2017   | TRUMBULL ENERGY CENTER                                     | OH-0370  | Wet Cooling Tower (P005)                        | 155083     | GAL/M        | drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 3,500 milligrams per liter (mg/l).                                                                                                                                                                                                                                                                                                                                                                             | 0.54        | LB/H         |
| 9/27/2017  | OREGON ENERGY CENTER                                       | OH-0372  | Wet Cooling Tower (P005)                        | 155083     | GAL/M        | drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 3,500 milligrams per liter (mg/l).                                                                                                                                                                                                                                                                                                                                                                             | 0.36        | LB/H         |
| 11/7/2017  | LONG RIDGE ENERGY GENERATION LLC - HANNIBAL POWER          | OH-0375  | Wet Mechanical Draft Cooling Tower (P003)       | 120000     | GAL/M        | High efficiency drift eliminator designed to achieve a 0.0005% drift rate and total dissolved solids (TDS) content not to exceed 5,000 mg/L.                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.58        | T/YR         |
| 2/9/2018   | IRONUNITS LLC - TOLEDO HBI                                 | OH-0376  | Wet Cooling Tower (P005)                        | 24766      | GAL/M        | drift eliminator with a maximum drift rate of 0.0005% and total dissolved solids (TDS) concentration of the cooling water less than or equal to 1,100 parts per million by weight (ppmw).                                                                                                                                                                                                                                                                                                                                                                      | 0.01        | LB/H         |
| 12/21/2018 | PTTGA PETROCHEMICAL COMPLEX                                | OH-0378  | Cooling Tower (P011)                            | 13.88      | MMGAL/H      | High efficiency drift eliminator designed to achieve a 0.0005% drift rate and maintenance of a total dissolved solids (TDS) content not to exceed 2,000 ppm in the circulating cooling water based on a rolling 12-month average.                                                                                                                                                                                                                                                                                                                              | 0.01        | T/YR         |
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                             | OH-0381  | Contact Cooling Towers - Melt Shop 2 (P027)     | 2.7        | MMGAL/H      | i. Use of drift eliminator(s) designed to achieve a 0.001% drift rate;<br>ii. Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop 2 Cooling Tower - 1000<br>Caster Mold Water Cooling Tower - 800<br>Tunnel Furnace Cooling Tower - 800<br>Caster Non-Contact 2 Cooling Tower - 800<br>Caster Contact 2 Cooling Tower - 1400                      | 1.17        | T/YR         |
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                             | OH-0381  | Contact Cooling Towers (P014)                   | 6.41       | MMGAL/H      | i. Use of drift eliminator(s) designed to achieve a 0.003% drift rate;<br>ii. Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop Cooling Tower (501) - 800<br>Caster Non-Contact Cooling Tower (6 Cell) - 800<br>Caster Contact Cooling Tower (503) - 1100<br>Mill Contact Cooling Tower (505) - 2000<br>Laminar Flow Cooling Tower (506) - 1400 | 8.7         | T/YR         |
| 9/27/2019  | NORTHSTAR BLUESCOPE STEEL, LLC                             | OH-0381  | Contact Cooling Towers (P014)                   | 6.41       | MMGAL/H      | i. Use of drift eliminator(s) designed to achieve a 0.003% drift rate;<br>ii. Maintenance of a total dissolved solids (TDS) content (for the 5 individual cooling towers) not to exceed the ppm in the circulating cooling water based on a rolling 12-month average as indicated in the table below:<br>Cooling Tower - TDS (ppm)<br>Meltshop Cooling Tower (501) - 800<br>Caster Non-Contact Cooling Tower (6 Cell) - 800<br>Caster Contact Cooling Tower (503) - 1100<br>Mill Contact Cooling Tower (505) - 2000<br>Laminar Flow Cooling Tower (506) - 1400 | 0.02        | T/YR         |
| 9/20/2022  | INTEL OHIO SITE                                            | OH-0387  | Cooling Towers: P054 through P178               | 0          |              | Drift eliminator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.0005      | %            |
| 10/27/2023 | VALENCIA PROJECT LLC                                       | OH-0391  | Cooling Towers (P023, P024, P025)               | 0          |              | A drift eliminator achieving a drift loss equal to or less than 0.0005 percent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.02        | LB/H         |
| 10/31/2023 | SCOUT MOTORS INC A DELAWARE CORPORATION - BLYTHEWOOD PLANT | SC-0205  | Cooling Towers                                  | 0          |              | Drift Eliminator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.001       | % DRIFT RATE |
| 10/31/2023 | SCOUT MOTORS INC A DELAWARE CORPORATION - BLYTHEWOOD PLANT | SC-0205  | Cooling Towers                                  | 0          |              | Drift Eliminator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.001       | % DRIFT RATE |

**RBLC Entries for PM<sub>2.5</sub> Control from Cooling Towers**

| Date       | Facility Name                                   | RBLC ID | PROCESS NAME                  | THROUGHPUT | THROUGHPUT U       | Control Method                                                                                                                                                                                                                                                | Limit No. 1 | Unit                |
|------------|-------------------------------------------------|---------|-------------------------------|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
| 4/1/2015   | PEONY CHEMICAL MANUFACTURING FACILITY           | TX-0728 | Cooling tower                 | 40000      | gallons per minute | drift eliminator is 0.0005% efficient                                                                                                                                                                                                                         | 0.12        | LB/H                |
| 11/12/2015 | BISHOP FACILITY                                 | TX-0774 | Cooling Tower                 | 10400      |                    | Drift eliminators meeting 0.001% drift                                                                                                                                                                                                                        | 0.01        | TPY                 |
| 7/12/2016  | PL PROPYLENE HOUSTON OLEFINS PLANT              | TX-0803 | Cooling Tower                 | 0          |                    | drift eliminators                                                                                                                                                                                                                                             | 0.001       | % DRIFT             |
| 1/9/2018   | EXXONMOBIL BEAUMONT REFINERY                    | TX-0832 | COOLING TOWERS                | 0          |                    | DRIFT ELIMINATOR                                                                                                                                                                                                                                              | 0           |                     |
| 3/30/2018  | MONTGOMERY COUNTY POWER STATION                 | TX-0834 | COOLING TOWER                 | 9864000    | GAL/H              | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 0           |                     |
| 9/3/2018   | POLYETHYLENE 7 FACILITY                         | TX-0863 | COOLING TOWER                 | 0          |                    | DRIFT ELIMINATOR                                                                                                                                                                                                                                              | 0           |                     |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX          | TX-0864 | Cooling Tower                 | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 0.005       | % DRIFT             |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX          | TX-0865 | COOLING TOWER                 | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 6000        | PPMW                |
| 2/4/2020   | PORT ARTHUR REFINERY                            | TX-0873 | COOLING TOWER                 | 35000      | GPM                | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 0           |                     |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                 | TX-0876 | COOLING TOWER                 | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 1200        | PPM                 |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                 | TX-0876 | COOLING TOWER                 | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 1200        | PPM                 |
| 4/23/2020  | ORANGE POLYETHYLENE PLANT                       | TX-0888 | COOLING TOWERS                | 0          |                    | DRIFT ELIMINATORS                                                                                                                                                                                                                                             | 0           |                     |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX       | TX-0904 | COOLING TOWER                 | 0          |                    | Non-contact design and DRIFT ELIMINATORS                                                                                                                                                                                                                      | 0           |                     |
| 9/16/2020  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY       | TX-0905 | COOLING TOWER                 | 0          |                    | DRIFT ELIMINATORS 0.001%                                                                                                                                                                                                                                      | 0           |                     |
| 3/17/2021  | UNIT 5                                          | TX-0915 | COOLING TOWER                 | 0          |                    | Drift eliminators â€” 0.0005%                                                                                                                                                                                                                                 | 60000       | PPM                 |
| 6/13/2022  | HOUSTON PLANT - 46307                           | TX-0922 | COOLING TOWER                 | 0          |                    | Drift eliminators with 0.0005% drift                                                                                                                                                                                                                          | 0           |                     |
| 10/19/2021 | CENTURION BROWNSVILLE                           | TX-0930 | Cooling Tower                 | 0          |                    | Drift eliminators required. Maximum drift 0.0005 percent. TDS limit of 3,500 ppmw in the cooling water. Daily sampling for TDS required, or weekly TDS sampling is allowed if conductivity is monitored daily and a TDS to conductivity ratio is established. | 0           |                     |
| 12/16/2021 | ROEHM AMERICA BAY CITY SITE                     | TX-0931 | Cooling Tower                 | 0          |                    | Drift eliminators with 0.001% drift                                                                                                                                                                                                                           | 0           |                     |
| 5/3/2024   | VALERO CORPUS CHRISTI REFINERY WEST PLANT       | TX-0938 | COOLING TOWER                 | 0          |                    | Drift eliminators 0.001% drift                                                                                                                                                                                                                                | 0           |                     |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION            | TX-0939 | COOLING TOWER                 | 13734000   | GAL/HR             | 0.001% DRIFT ELIMINATORS                                                                                                                                                                                                                                      | 0           |                     |
| 9/6/2022   | FIBERGLASS MANUFACTURING FACILITY               | TX-0940 | COOLING TOWER                 | 2175       | GAL/MIN            | DRIFT ELIMINATOR                                                                                                                                                                                                                                              | 0.001       | %                   |
| 10/5/2023  | NEDERLAND FACILITY                              | TX-0964 | COOLING TOWERS                | 0          |                    | Drift eliminators with 0.001% drift                                                                                                                                                                                                                           | 2000        | PPMW                |
| 2/5/2024   | QUAIL RUN CARBON CAPTURE PLANT                  | TX-0967 | COOLING TOWERS                | 142700     | gal/min            | drift eliminators 0.0005%                                                                                                                                                                                                                                     | 0           |                     |
| 4/26/2018  | C4GT, LLC                                       | VA-0328 | Cooling Tower                 | 0          |                    | Particulate matter emissions from the cooling tower will be controlled to a drift rate of 0.00050 percent of the circulating water flow with mist eliminators and a total dissolved solids content of the cooling water effluent shall not exceed 6250 mg/l   | 0           |                     |
| 4/24/2018  | SIO INTERNATIONAL WISCONSIN, INC. -ENERGY PLANT | WI-0284 | P02A-P; P03A-P Cooling Towers | 0          |                    | Drift Eliminator& Cooling Additive Control System                                                                                                                                                                                                             | 0           |                     |
| 9/27/2019  | SUPERIOR REFINING COMPANY LLC                   | WI-0311 | Cooling Tower No.1 (P80)      | 10000      | GPM                | Drift eliminator, cooling additive control system that results in a total dissolved solids (TDS) concentration of not more than 3,000 ppm.                                                                                                                    | 0.0005      | % CIRCULATION DRIFT |

**RBLC Entries for Volatile Organic Compounds Control from Storage Tanks**

| Date       | Facility Name                                              | RBLC ID  | PROCESS NAME                                                              | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit No. 1 | Unit                |
|------------|------------------------------------------------------------|----------|---------------------------------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
| 1/6/2015   | KENAI NITROGEN OPERATIONS                                  | AK-0083  | Urea UF-85 Storage Tank                                                   | 30440      | gallons         | Wet Scrubber                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0           | LB/H                |
| 1/6/2015   | KENAI NITROGEN OPERATIONS                                  | AK-0083  | Two (2) Methyl-diethanol Amine (MDEA) Storage Tanks                       | 158420     | gallons         | Submerged Fill Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.002       | TONS/YEAR           |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                                  | AK-0086  | Urea UF-85 Storage Tank                                                   | 0          |                 | Wet Scrubber                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0           | LB/HR               |
| 3/26/2021  | KENAI NITROGEN OPERATIONS                                  | AK-0086  | MDEA Storage Tanks                                                        | 0          |                 | Submerged Fill Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.002       | TPY (COMBINED)      |
| 8/3/2015   | EL DORADO SAWMILL                                          | AR-0124  | ELEVEN OIL STORAGE TANKS SN-14                                            | 0          |                 | ENCLOSED TANKS, TANKS ARE LIGHT COLOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.3         | LB/H                |
| 8/3/2015   | EL DORADO SAWMILL                                          | AR-0124  | THREE DIESEL STORAGE TANKS SN-15                                          | 0          |                 | TANKS ARE LIGHT COLOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.4         | LB/H                |
| 8/3/2015   | EL DORADO SAWMILL                                          | AR-0124  | ONE GASOLINE STORAGE TANK SN-16                                           | 0          |                 | TANKS ARE LIGHT COLOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.022       | LB/MBF              |
| 12/21/2023 | CRONUS CHEMICALS                                           | IL-0134  | Storage Tanks                                                             | 0          |                 | Submerged fill pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.01        | TONS/YEAR           |
| 10/26/2015 | CENTRAL INDIANA ETHANOL, LLC                               | IN-0241  | FERMENTATION                                                              | 7266       | GAL/H           | WET SCRUBBERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98          | %OVERALL CTRL EFFIC |
| 6/27/2019  | LEHIGH CEMENT COMPANY LLC                                  | IN-0312  | Diesel tanks                                                              | 1400       | GALLONS (EACH)  | good design and operating practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0           |                     |
| 6/27/2019  | LEHIGH CEMENT COMPANY LLC                                  | IN-0312  | Gasoline tank                                                             | 500        | gallons         | submerged fill pipe and Stage I Vapor Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0           |                     |
| 6/11/2019  | RIVERVIEW ENERGY CORPORATION                               | IN-0318  | Amine Tanks                                                               | 0          |                 | Tanks shall use a white shell.<br>Tanks shall use submerged filling.<br>Tanks shall use good maintenance practices as described in the permit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.48        | TONS                |
| 12/27/2020 | LOGAN ALUMINUM, INC.                                       | KY-0103  | EP 155 & 166 - Cold Mill 4 Storage Tanks: Dirty Coolant & Clean Coolant   | 0          |                 | Each tank shall be equipped with a permanent submerged fill pipe.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.82        | TON/YR              |
| 12/27/2020 | LOGAN ALUMINUM, INC.                                       | KY-0103  | EP 156 - EP160 - Cold Mill 4 Area Storage Tanks                           | 0          |                 | Each tank must be equipped with a submerged fill pipe.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |                     |
| 12/15/2016 | BATON ROUGE JUNCTION FACILITY                              | LA-0276  | Sumps (2) and Oil/Water Separators (2)                                    | 0          |                 | Good housekeeping practices and closed top design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |                     |
| 6/30/2017  | ST. JAMES METHANOL PLANT                                   | *LA-0312 | MPST-14 - Methanol Product Surge Tank (EQT0019)                           | 41000      | gallons         | Route emissions to Methanol Product Tanks A & B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                     |
| 6/30/2017  | ST. JAMES METHANOL PLANT                                   | *LA-0312 | MT-13 - Methanol Product Tank A (EQT0014)                                 | 54400      | barrels         | Internal Floating Roof Tank and Compliance with NESHAP Subpart G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0           |                     |
| 6/30/2017  | ST. JAMES METHANOL PLANT                                   | *LA-0312 | OSMT1-13 - Crude Methanol Tank (EQT0017)                                  | 54400      | barrels         | Fixed Roof Tank with Scrubber & Compliance with NESHAP Subpart G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0           |                     |
| 6/30/2017  | ST. JAMES METHANOL PLANT                                   | *LA-0312 | MT2-13 - Methanol Product Tank B (EQT0015)                                | 54400      | barrels         | Internal Floating Roof Tank and Compliance with NESHAP Subpart G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0           |                     |
| 3/28/2023  | COMMONWEALTH LNG FACILITY                                  | LA-0324  | Storage Vessels (EQT0022 - EQT0026)                                       | 0          |                 | Fixed roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0           |                     |
| 1/19/2021  | SHINTECH PLAQUEMINE PLANT 3                                | LA-0339  | Storage Vessels (EQT0447 - EQT0450, EQT0460 - EQT0468, EQT0472 - EQT0475) | 0          |                 | Submerged-fill loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |                     |
| 10/2/2019  | HOLDEN WOOD PRODUCTS MILL                                  | LA-0363  | Diesel Storage Tank                                                       | 150000     | gallons/yr      | Good Tank Design and Submerged Fill Page.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 14000       | GAL                 |
| 10/2/2019  | HOLDEN WOOD PRODUCTS MILL                                  | LA-0363  | Gasoline Storage Tank                                                     | 25000      | gallons/yr      | Good Tank Design and Submerged Fill Pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6000        | GAL                 |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                          | *LA-0402 | HLK41 - Hexane Tank #1 (EQT0100)                                          | 50000      | gallons         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                     |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                          | *LA-0402 | HLK42 - Hexane Tank #2 (EQT0101)                                          | 50000      | gallons         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                     |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                          | *LA-0402 | HLK43 - Hexane Tank #3 (EQT0102)                                          | 50000      | gallons         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                     |
| 12/13/2023 | DESTREHAN OIL PROCESSING FACILITY                          | *LA-0402 | HLK44 - Hexane Tank #4 (EQT0103)                                          | 50000      | gallons         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |                     |
| 8/7/2024   | BLUE LAKE                                                  | MN-0095  | Diesel Tank #1 (EQUI 33)                                                  | 0          |                 | Must be constructed and operated with good tank design, including: 1 Fixed roof, 2 PRV (conservation vent), 3 Submerged fill pipe, 4 Light tank color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                     |
| 2/12/2021  | MARCUS HOOK                                                | *PA-0324 | Refrigerated storage tanks                                                | 600000     | Barrels         | Ethane Vapors condensed to a liquid state by a vapor recover system before being hard-piped back to the storage tank.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |                     |
| 10/31/2023 | SCOUT MOTORS INC A DELAWARE CORPORATION - BLYTHEWOOD PLANT | SC-0205  | Storage Tanks                                                             | 0          |                 | Good Work Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0           |                     |
| 2/5/2016   | LBC HOUSTON BAYPORT TERMINAL                               | TX-0783  | Storage Tanks                                                             | 0          |                 | Sixteen tanks have internal floating roofs (IFRs) with welded seams, mechanical shoe primary seals, rim-mounted secondary seals, and welded deck seams. Based on site-specific attributes, the applicant has chosen to control tanks that store benzene or organic materials with a vapor pressure greater than 0.5 psia at the maximum feed temperature or 95°F, whichever is greater. The emissions from these tanks will be routed to a vapor combustor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.26        | T/YR                |
| 2/5/2016   | LBC HOUSTON BAYPORT TERMINAL                               | TX-0783  | Marine Loading                                                            | 0          |                 | All loading operations are conducted with submerged fill piping.<br><br>The follow requirements apply to the loading of materials with a vapor pressure greater than 0.5 psia. 1) Vapors generated during loading must be routed to a vapor combustor for control. 2) The receiving vessel must have passed an annual vapor tightness test as specified in 40 CFR Å§63.565(c) or 40 CFR Å§61.304(f). 3) Loading operations are conducted under vacuum for non-inerted, non-ocean-going ships. 4) For inerted tanker ships and ocean-going barges, a leak test per EPA Reference Method 21 will be conducted on the vapor collection system. An infrared camera for optical gas imaging may be used to assist leak testing per Method 21. Upon leak discovery, the applicant will measure the leak emission rate with a portable flow meter. Leak testing/emission measurement must be conducted for a minimum of 6 vessels or the number of inerted ocean-going vessels loaded, whichever is less, every year. Method 21 leak testing may be suspended after five years provided that all tests confirm a vapor collection efficiency of 99% or greater. | 0.11        | T/YR                |
| 10/31/2018 | CORPUS CHRISTI TERMINAL                                    | TX-0840  | Crude and condensate storage                                              | 30000      | BBL/H           | IFR TANKS: 9 tanks (EPNs: TK-100-101 through TK-100-109) to store crude oil and condensate with a VP > 0.5 psia and with capacities > 25,000 gallons. Each of the tanks is equipped with an internal floating roof and is equipped with either a mechanical shoe or double vapor mounted seal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0           |                     |
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT                               | TX-0846  | Gasoline Storage Tank Å“ 15,000 Gallons                                   | 15000000   | GAL/YR          | White fixed roof storage tank equipped with a submerged fill pipe and vapor balance loading (Stage 1 Controls). The use of drain dry construction is required to minimize the emissions from tank entry and inspection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |                     |

**RBLC Entries for Volatile Organic Compounds Control from Storage Tanks**

| Date       | Facility Name                   | RBLC ID | PROCESS NAME                                                                                                                                  | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Limit No. 1 | Unit |
|------------|---------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|
| 9/23/2018  | MOTOR VEHICLE ASSEMBLY PLANT    | TX-0846 | Storage Tanks 6" Very Low Vapor Pressure Non Gasoline Automotive Fluids 6" Gear Lube, Engine Oil, Diesel fuel, Urea, ATF Etc. 20,000 gal each | 0          |                 | White fixed roof storage tanks equipped with a submerged fill pipe. use of drain dry construction is required to minimize the emissions from tank entry and inspection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0           |      |
| 7/15/2018  | CORPUS CHRISTI TERMINAL         | TX-0850 | Crude and condensate storage in nine IFR                                                                                                      | 0          |                 | 100 series tanks storing crude / condensate (EPNs: S-100-101 through S-100-109). These tanks will be authorized to store crude oil and condensate with a VP > 0.5 psia and with capacities > 25,000 gallons. Each of the tanks is equipped with an internal floating roof and is equipped with either a mechanical shoe or double vapor mounted seal.<br><br>6 EFR tanks storing crude / condensate (EPNs: S-200M4, S-200M5, S-200M6, S-200M7, S-200M8 and S-200M9) These tanks will be equipped with welded deck seams since the tank will store products with VOC vapor pressure of 0.5 psia or greater. Proper fitting and seal integrity for the floating roof is ensured through visual inspections and any seal gap measurements specified in 40 CFR 60.113b.                                                                                                                                                                                                                                                                                                                                                                                    | 0           |      |
| 12/17/2018 | RIO BRAVO PIPELINE FACILITY     | TX-0851 | Natural Gas Liquid Condensate Tanks and Condensate Loading                                                                                    | 0          |                 | THERMAL OXIDIZER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |      |
| 12/17/2018 | RIO BRAVO PIPELINE FACILITY     | TX-0851 | Liquefied Natural Gas Storage Tanks                                                                                                           | 0          |                 | THERMAL OXIDIZER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |      |
| 9/27/2019  | BUCKEYE TEXAS HUB               | TX-0862 | Fugitives                                                                                                                                     | 0          |                 | 28 VHP & 28CNTA LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |      |
| 9/3/2019   | POLYETHYLENE 7 FACILITY         | TX-0863 | Storage tanks content vapor pressure less than 0.5 psia                                                                                       | 0          |                 | FLARE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |      |
| 9/3/2019   | POLYETHYLENE 7 FACILITY         | TX-0863 | Storage tanks content vapor pressure greater than or equal to 0.5 psia                                                                        | 0          |                 | IFR AND FLARE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0           |      |
| 10/31/2019 | CONDENSATE SPLITTER FACILITY    | TX-0872 | IFR tanks with equal or less than 0.5 psia VP (Routine)                                                                                       | 4          | MBBL/YR         | Equipped with welded decks and permanent submerged fill pipes. Designed with a mechanical shoe seal system and drain dry sump.<br><br>Seal visual inspections required via 40 CFR 60.113b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5.65        | LB/H |
| 2/4/2020   | PORT ARTHUR REFINERY            | TX-0874 | IFR Storage Tanks 1 6" Materials with a VP greater than 0.5 psia and less than 11.0 psia                                                      | 0          |                 | tanks are equipped with welded decks as well as a mechanical shoe and rim-mounted secondary seal systems. Submerge filled equipped.<br><br>Drain dry and store material with less than 11.0 psia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |      |
| 3/5/2021   | LBC HOUSTON BAYPORT TERMINAL    | TX-0899 | STORAGE TANKS                                                                                                                                 | 0          |                 | Internal floating roofs (IFRs) with welded seams, mechanical shoe primary seals, rim-mounted secondary seals, and welded deck seams.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |      |
| 3/5/2021   | LBC HOUSTON BAYPORT TERMINAL    | TX-0899 | MARINE LOADING                                                                                                                                | 0          |                 | Vapor combustors will have a VOC destruction efficiency of 99.9%, be temperature monitored, low NOx burners (0.06 lb/MMBtu/hr annual average), and exclusive use of pipeline quality natural gas and good combustion practices. These controls meet LAER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0           |      |
| 3/5/2021   | CEDAR BAYOU PLANT               | TX-0918 | STORAGE TANKS                                                                                                                                 | 0          |                 | have internal floating roofs (IFRs) with welded seams, mechanical shoe primary seals, rim-mounted secondary seals, and welded deck seams. Based on site-specific attributes, the applicant has chosen to control tanks that store benzene or organic materials with a vapor pressure greater than 0.5 psia at the maximum feed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0           |      |
| 3/5/2021   | CEDAR BAYOU PLANT               | TX-0918 | FIXED ROOF STORAGE TANKS                                                                                                                      | 0          |                 | fixed roof tanks have submerged fill pipes and are painted white. These tanks store material with vapor pressures less than 0.5 psia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |      |
| 3/5/2021   | CEDAR BAYOU PLANT               | TX-0918 | STORAGE TANK MSS                                                                                                                              | 0          |                 | All tanks will be drain-dry.<br><br>Vapor combustors will be used to control degassing emissions down to a concentration of 5,000 ppmv. When the tank is idle, degassing will be performed every 24 hours unless there is no standing liquid in the tank or the vapor pressure of the remaining liquid is less than 0.15 psia. Refilling operations will be uncontrolled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0           |      |
| 3/5/2021   | CEDAR BAYOU PLANT               | TX-0918 | MARINE LOADING                                                                                                                                | 0          |                 | All loading operations are conducted with submerged fill piping.<br><br>The follow requirements apply to the loading of materials with a vapor pressure greater than 0.5 psia. 1) Vapors generated during loading must be routed to a vapor combustor for control. 2) The receiving vessel must have passed an annual vapor tightness test as specified in 40 CFR 60.113b(c) or 40 CFR 60.113b(f). 3) Loading operations are conducted under vacuum for non-inerted, non-ocean-going ships. 4) For inerted tanker ships and ocean-going barges, a leak test per EPA Reference Method 21 will be conducted on the vapor collection system. An infrared camera for optical gas imaging may be used to assist leak testing per Method 21. Upon leak discovery, the applicant will measure the leak emission rate with a portable flow meter. Leak testing/emission measurement must be conducted for a minimum of 6 vessels or the number of inerted ocean-going vessels loaded, whichever is less, every year. Method 21 leak testing may be suspended after five years provided that all tests confirm a vapor collection efficiency of 99% or greater. | 0           |      |
| 3/14/2023  | INEOS OLIGOMERS CHOCOLATE BAYOU | TX-0955 | Fixed roof storage tanks                                                                                                                      | 0          |                 | Fixed roof tanks, painted white, has submerged fill. Air, nitrogen other purge gas, fans, blowers, or air movers may not be used on the tank, unless all the forced ventilated vapors are directed to control. Vacuum truck vents must limit VOC concentration to 100 ppmv. Frac Tanks with breathing potential must be white and bottom filled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |      |



**RBLC Entries for Volatile Organic Compounds Control from Storage Tanks**

| Date      | Facility Name                   | RBLC ID | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Limit No. 1 | Unit      |
|-----------|---------------------------------|---------|-----------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 3/14/2023 | INEOS OLIGOMERS CHOCOLATE BAYOU | TX-0955 | Internal Floating Roof Storage Tanks Normal and MSS | 0          |                 | Painted white, mechanical shoe primary seal, drain to 9 gal max and 99.9 % destruction efficiency by the thermal oxidizer (THOX) or 98 % control by flare. Degassing for de-inventory / maintenance must achieve a vapor concentration <10,000 ppmv and the tank may not be opened without restriction until residual liquids have VOC partial pressure < 0.02 psia or no standing liquids. A Vacuum truck vents must limit VOC concentration to 100 ppmv. Frac Tanks with breathing potential must be white and bottom filled.ir, nitrogen other purge gas, fans, blowers, or air movers may not be used on the tank at any time the tank is open to the atmosphere | 0           |           |
| 9/22/2021 | ENBRIDGE SUPERIOR TERMINAL      | WI-0307 | Temporary Frac Tanks (FC01-FC04)                    | 0          |                 | see notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0           | SEE NOTES |
| 9/22/2021 | ENBRIDGE SUPERIOR TERMINAL      | WI-0307 | Temporary Frac Tanks (FC05-FC12)                    | 0          |                 | See notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0           | SEE NOTES |
| 10/9/2020 | SUPERIOR REFINING COMPANY LLC   | WI-0315 | Storage Tank (T114)                                 | 0          |                 | Use of submerged fill pipe, may store only asphalt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1845        | LB/MO     |

**RBLC Entries for Volatile Organic Compounds Control from Fugitives**

| Date      | Facility Name                | RBLC ID  | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT        | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Limit No. 1 | Unit            |
|-----------|------------------------------|----------|-----------------------------------------------------|------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 2/14/2019 | NUCOR STEEL FLORIDA FACILITY | FL-0368  | Meltshop Baghouse & Fugitives                       | 450000     | tons of steel per year | Good combustion practice and process control along with a scrap management plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.3         | LB/TON OF STEEL |
| 3/17/2021 | SHELL ROCK SOY PROCESSING    | *IA-0117 | Fugitive VOC Sources                                | 0          |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.14        | GAL/TON         |
| 9/21/2020 | WESTLAKE CHEMICAL OPCO, LP   | KY-0113  | EU# 025A (EPN FUG-ETH-VVa) Ethylene Plant Fugitives | 0          |                        | <p>Leak is defined as reading of 500ppmv; BACT includes:<br/>proper labeling and following the requirements in 40 CFR 60, Subpart VVa and following good work practices including:<br/>1.Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p>               | 0           |                 |
| 9/21/2020 | WESTLAKE CHEMICAL OPCO, LP   | KY-0113  | EU# 025B (EPN FUG-ETH) Ethylene Plant Fugitives     | 0          |                        | <p>Leak is defined as reading of 500ppmv; BACT includes:<br/>proper labeling and following the requirements in 40 CFR 60, Subpart VVa and following good work practices including:<br/>1.Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p>               | 0           |                 |
| 9/21/2020 | WESTLAKE CHEMICAL OPCO, LP   | KY-0113  | EU# 025 (EPN FUG-ETH-YY) Ethylene Plant Fugitives   | 0          |                        | <p>Leak is defined as reading of 500ppmv; BACT includes:<br/>proper labeling and following the requirements in 40 CFR 63, Subpart YY and Subpart UU and following good work practices including:<br/>1.Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p> | 0           |                 |

**RBLC Entries for Volatile Organic Compounds Control from Fugitives**

| Date       | Facility Name                      | RBLC ID  | PROCESS NAME                                                       | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Limit No. 1 | Unit  |
|------------|------------------------------------|----------|--------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|
| 11/13/2020 | WESTLAKE VINYL, INC. - VINYL PLANT | KY-0114  | FUG-MON-H Monomer Plant Fugitives                                  | 0          |                 | <p>1.The permittee will continue to follow MACT H LDAR program as required by the regulations, and promptly repairing any leaking components in accordance with the LDAR plan.</p> <p>2.Leak is defined as a reading of 500 ppmv.</p> <p>3.The permittee will install leakless pumps with dual mechanical seals or with a barrier fluid to reduce leaks, as possible. If a leakless pump is not feasible, the permittee shall submit justification as to its technical infeasibility.</p> <p>4.The permittee will monitor new non-leakless pumps to a leak detection threshold of 500 ppm.</p> <p>5.The permittee will utilize Good Work Practices.</p> <p>Good work practices include:</p> <p>1. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.</p> <p>2. New and reworked buried connectors shall be welded.</p> <p>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.</p> <p>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.</p> <p>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.</p> <p>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p> | 0           |       |
| 11/13/2020 | WESTLAKE VINYL, INC. - VINYL PLANT | KY-0114  | FUG-MON-NG Monomer Plant Fugitives in Natural Gas service          | 0          |                 | <p>1. LDAR program with instrument sensors consistent with 40 CFR 63, Subpart H requirements.</p> <p>2. Leak is defined as a reading of 500 ppmv.</p> <p>3. Good work practices.</p> <p>4. The permittee shall install leak-less pumps with dual mechanical seals or with a barrier fluid to reduce leaks. If a leak-less pump is not feasible, the permittee shall submit justification as to its technical infeasibility.</p> <p>Good work practices including:</p> <p>1. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.</p> <p>2. New and reworked buried connectors shall be welded.</p> <p>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.</p> <p>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.</p> <p>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.</p> <p>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p>                                                                                                                                                                                                                       | 0           |       |
| 4/2/2015   | ALLIANCE REFINERY                  | LA-0282  | Unit Fugitives for the Low Sulfur Gasoline Unit (294-FF, FUG 0004) | 0          |                 | Louisiana MACT Determination for Refinery Equipment Leaks (Fugitive Emission Sources) dated July 26, 1994                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15.43       | LB/HR |
| 8/14/2015  | ALLIANCE REFINERY                  | LA-0283  | UNIT FUGITIVES FOR LOW SULFUR GASOLINE UNIT (294-FF, FUG 0004)     | 0          |                 | LDAR: Louisiana MACT Determination for Refinery Equipment Leaks (Fugitive Emission Sources) dated July 26, 1994                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15.43       | LB/HR |
| 9/2/2015   | ALLIANCE REFINERY                  | LA-0284  | Unit Fugitives for Loading Docks (406-FF, FUG 11)                  | 0          |                 | LDAR: 40 CFR 63 Subpart H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |       |
| 3/21/2016  | MAGNOLIA LNG FACILITY              | LA-0307  | fugitives                                                          | 0          |                 | Comply with LAC 33:III.2111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0           |       |
| 6/30/2017  | ST. JAMES METHANOL PLANT           | *LA-0312 | WWTF-13 - Wastewater Treatment Fugitives (FUG0001)                 | 460        | gallons/min     | Compliance with NESHAP Subpart F and NESHAP Subpart G. LDAR Monitoring.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.29        | LB/HR |
| 6/30/2017  | ST. JAMES METHANOL PLANT           | *LA-0312 | PF-13 - Process Fugitives (FUG0002)                                | 0          |                 | Compliance with NESHAP Subpart H. LDAR Monitoring.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |       |
| 5/2/2018   | PLAQUEMINES PLANT 1                | LA-0328  | Fugitive Emissions (Bio)                                           | 0          |                 | Comply with 40 CFR 63 Subpart H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.35        | LB/H  |
| 5/2/2018   | PLAQUEMINES PLANT 1                | LA-0328  | PVC Unit Fugitives                                                 | 0          |                 | Comply with 40 CFR 63 Subpart H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.263       | LB/H  |
| 1/19/2021  | SHINTECH PLAQUEMINE PLANT 3        | LA-0339  | Fugitives (FUG0021)                                                | 0          |                 | Compliance with 40 CFR 60 Subpart HHHHHHH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |       |
| 1/4/2018   | GULF COAST METHANOL COMPLEX        | LA-0346  | fugitives                                                          | 0          |                 | LDAR meets requirements of 40 CFR 63 Subpart H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |       |
| 7/10/2018  | DRIFTWOOD LNG FACILITY             | LA-0349  | Fugitives                                                          | 0          |                 | Good Work Practices, Comply with LAC 33:III.2111, 40 CFR 63 Subpart H, TT, or UU, as applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |       |
| 9/6/2018   | GARYVILLE REFINERY                 | LA-0355  | Fugitives from Crude Unit, Coker Unit and FCCU                     | 0          |                 | Comply with 40 CFR 60 Subpart GGa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0           |       |
| 7/18/2019  | LAKE CHARLES REFINERY, AREA D      | LA-0362  | Area D Process D Fugitives                                         | 0          |                 | Compliance with the most stringent applicable Leak Detection and Repair (LDAR) program, which is Louisiana MACT Determination for Refineries with Consent Decree Enhancements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24.44       | LB/H  |
| 2/3/2021   | HOLDEN WOOD PRODUCTS MILL          | LA-0366  | Shavings Bin and Truck Load-out Fugitives                          | 13.9       | t/h             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13.9        | T/HR  |
| 1/5/2021   | LAKE CHARLES CHEMICAL COMPLEX      | LA-0373  | UO&amp;l Fugitives - FUG0024                                       | 0          |                 | Comply with 40 CFR 63 Subpart UU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0           |       |
| 4/25/2019  | BIG LAKE FUELS METHANOL PLANT      | LA-0382  | Fugitives (FUG0001)                                                | 0          |                 | Comply with 40 CFR 63 Subpart H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |       |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL   | LA-0383  | Fugitives (FUG0001)                                                | 0          |                 | Proper piping design and LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |       |

**RBLC Entries for Volatile Organic Compounds Control from Fugitives**

| Date       | Facility Name                                    | RBLC ID | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit No. 1 | Unit   |
|------------|--------------------------------------------------|---------|-----------------------------------------------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|
| 2/11/2021  | GARYVILLE REFINERY                               | LA-0385 | Refinery Fugitives                                  | 0          |                 | Comply with 40 CFR 60 Subpart GGa (for components servicing streams with 10% or more VOC)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |        |
| 6/27/2023  | WEYERHAEUSER NR CO - DODSON DIVISION             | LA-0393 | Fugitive Ink Emissions                              | 0.38       | GAL/H           | Good housekeeping practices, which include keeping lids on containers/totes that store the ink product and the use of low VOC materials, when possible.                                                                                                                                                                                                                                                                                                                                                      | 0.49        | LB/H   |
| 6/27/2023  | WEYERHAEUSER NR CO - DODSON DIVISION             | LA-0393 | Shavings Bin and Load-out Fugitives                 | 13.9       | T/H             | Good housekeeping practices, which include ensuring that the covered conveyor and enclosed bin are intact and operated per manufacturer's recommendations.                                                                                                                                                                                                                                                                                                                                                   | 1.67        | LB/H   |
| 10/31/2017 | FIBER INDUSTRIES LLC                             | SC-0182 | Fugitives                                           | 0          |                 | Use of leakless types of components to replace individual chronically leaking components where possible and the use an LDAR program which includes the applicable provisions of 40 CFR 63, Subpart JJJ.                                                                                                                                                                                                                                                                                                      | 0           |        |
| 5/4/2018   | NUCOR STEEL - BERKELEY                           | SC-0183 | Pickle Line Equipment (pickle line no. 3 fugitives) | 0          |                 | Proper Operation and Maintenance                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0           |        |
| 6/22/2015  | INGLESIDE TERMINAL                               | TX-0752 | Fugitives                                           | 110        | MBBL/YR         | 28 VHP: Quarterly instrumental monitoring using a method 21 gas analyzer for all valves, pump seals, compressor seals, and agitator seals with a leak definition of 500 ppmv for valves and 2,000 ppmv for pump, compressor and agitator seals. Leaking components must be repaired within 15 days of detection of the leak.                                                                                                                                                                                 | 5.4         | T/YR   |
| 8/6/2015   | CORPUS CHRISTI TERMINAL                          | TX-0760 | Fugitives                                           | 0          |                 | Fugitive Leak Detection and Repair (LDAR) per the 28 MID Monitoring program that requires quarterly monitoring of all components with a leak definition of 500 ppmv and directed maintenance.                                                                                                                                                                                                                                                                                                                | 500         | PPMV   |
| 11/12/2015 | BISHOP FACILITY                                  | TX-0774 | Fugitives                                           | 0          |                 | 28VHP fugitive monitoring program                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.61        | TPY    |
| 2/5/2016   | LBC HOUSTON BAYPORT TERMINAL                     | TX-0783 | Fugitives                                           | 0          |                 | An enhanced leak detection and repair program (28LAER) that requires quarterly instrumental monitoring of all fugitive components (pumps, compressors, valves, connectors, seals, etc.) with directed maintenance.                                                                                                                                                                                                                                                                                           | 500         | PPMV   |
| 6/8/2016   | BEAUMONT TERMINAL                                | TX-0799 | Fugitives                                           | 0          |                 | Uncontrolled VOC fugitive emissions are estimated to be greater than 25 tpy. Component fugitive emissions are calculated using component counts and the SOCM without ethylene emission factors. Phillips 66 employs the 28VHP inspection and 28CNTQ monitoring program                                                                                                                                                                                                                                       | 33.18       | T/YR   |
| 6/22/2016  | CORPUS CRUDE OIL TERMINAL                        | TX-0800 | Fugitives                                           | 0          |                 | Uncontrolled VOC fugitive emissions are estimated to be less than 10 TPY. Fugitive components are monitored and minimized via an audio, olfactory, and visual (AVO) inspection once every four hours.                                                                                                                                                                                                                                                                                                        | 0.41        | T/YR   |
| 7/12/2016  | PL PROPYLENE HOUSTON OLEFINS PLANT               | TX-0803 | Equipment Leak Fugitives                            | 0          |                 | LDAR (TCEQ 28LAER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11.58       | LB/H   |
| 7/15/2016  | ADN UNIT                                         | TX-0804 | Equipment Leak Fugitives                            | 0          |                 | LDAR program (TCEQ 28VHP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.41        | LB/H   |
| 9/2/2016   | HOUSTON FUEL OIL TERMINAL                        | TX-0808 | Fugitives at Marine Loading                         | 0          |                 | Monitoring under 28LAER (Lowest Available Emission Rate) Leak Detection and Repair program.                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.04        | T/YR   |
| 11/22/2016 | ODESSA PETROCHEMICAL PLANT                       | TX-0813 | FUGITIVES                                           | 0          |                 | Quarterly instrumental monitoring of accessible pumps, compressors and valves in vapor or light liquid service, with leak definitions of 500 ppmv (valves) and 2,000 ppmv (pump and compressor seals). Upon detection of a leak, a first attempt to repair must be made within 5 days, and repairs must be completed within 15 days.                                                                                                                                                                         | 88.52       | T/YR   |
| 1/17/2017  | PORT ARTHUR ETHANE SIDE CRACKER                  | TX-0815 | FUGITIVES                                           | 0          |                 | 28VHP LDAR Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17.2        | T/YR   |
| 4/26/2017  | FUEL OIL TERMINAL                                | TX-0818 | FUGITIVES MARINE LOADING                            | 0          |                 | Monitoring under 28LAER (Lowest Available Emission Rate) Leak Detection and Repair program.                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.16        | T/YR   |
| 6/7/2017   | LYONDELL CHEMICAL BAYPORT CHOATE PLANT           | TX-0823 | FUGITIVES                                           | 0          |                 | 28 LAER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.36        | T/YR   |
| 7/14/2017  | PASADENA TERMINAL                                | TX-0825 | Uncaptured Marine Loading Fugitives From Ships      | 0          |                 | A minimum of three vessels per year for five years will undergo VOC collection efficiency testing to ensure compliance with 99.89% loading vapor collection efficiency of inerted ocean-going marine vessels                                                                                                                                                                                                                                                                                                 | 23.66       | T/YR   |
| 5/11/2018  | CHOCOLATE BAYOU                                  | TX-0836 | FUGITIVES                                           | 0          |                 | 28LAER LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.4         | TON/YR |
| 7/12/2018  | INVISTA S.A.R.L. VICTORIA PLANT                  | TX-0837 | FUGITIVES                                           | 0          |                 | 28VHP LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 202.3       | TON/YR |
| 10/31/2018 | CORPUS CHRISTI TERMINAL                          | TX-0840 | FUGITIVES                                           | 0          |                 | Fugitive Leak Detection and Repair (LDAR) per the 28 MID Monitoring program that requires quarterly monitoring of all components with a leak definition of 500 ppmv and directed maintenance.                                                                                                                                                                                                                                                                                                                | 0           |        |
| 6/30/2018  | VICTORIA PLANT                                   | TX-0843 | FUGITIVES                                           | 0          |                 | 28VHP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 203         | T/YR   |
| 10/16/2018 | MONT BELVIEU                                     | TX-0849 | FUGITIVES                                           | 0          |                 | 28 VHP LAER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0           |        |
| 7/15/2018  | CORPUS CHRISTI TERMINAL                          | TX-0850 | FUGITIVES                                           | 0          |                 | 28 MID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |        |
| 12/17/2018 | RIO BRAVO PIPELINE FACILITY                      | TX-0851 | FUGITIVES                                           | 0          |                 | 28VHP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |        |
| 3/13/2019  | BUCKEYE SOUTH TEXAS GATEWAY TERMINAL             | TX-0855 | Fugitives                                           | 0          |                 | 28 VHP, 28PI LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0           |        |
| 8/29/2019  | BUCKEYE TEXAS PROCESSING CORPUS CHRISTI FACILITY | TX-0861 | FUGITIVES                                           | 0          |                 | 28VHP LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |        |
| 9/27/2019  | BUCKEYE TEXAS HUB                                | TX-0862 | Fugitives                                           | 0          |                 | 28 VHP & 28CNTA LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0           |        |
| 9/3/2019   | POLYETHYLENE 7 FACILITY                          | TX-0863 | FUGITIVES                                           | 0          |                 | 28 MID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |        |
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX           | TX-0865 | FUGITIVES                                           | 0          |                 | 28LAER, 28PI LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0           |        |
| 1/31/2020  | PORT ARTHUR REFINERY                             | TX-0871 | Fugitives                                           | 0          |                 | 28VHP leak detection and repair (LDAR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |        |
| 10/31/2019 | CONDENSATE SPLITTER FACILITY                     | TX-0872 | Fugitives (Routine)                                 | 0          |                 | 28VHP.<br>Leak-less connectors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 15.63       | LB/H   |
| 2/4/2020   | PORT ARTHUR REFINERY                             | TX-0873 | FUGITIVES                                           | 0          |                 | 28 MID, 28 AVO and OGI fugitive programs.<br>Authorized for infrared camera (28MID+).                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |        |
| 2/4/2020   | PORT ARTHUR REFINERY                             | TX-0874 | FUGITIVES                                           | 0          |                 | 28MID LDAR and 28CNTQ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |        |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT                  | TX-0876 | FUGITIVES                                           | 0          |                 | TCEQ 28VHP and 28CNTQ leak detection and repair (LDAR) programs                                                                                                                                                                                                                                                                                                                                                                                                                                              | 500         | PPMV   |
| 1/8/2020   | SWEENEY REFINERY                                 | TX-0877 | FUGITIVES                                           | 0          |                 | 28 MID, 28CNTQ, and 28 PI programs.<br>28 MID: 97% control efficiencies for valves in gas/vapor and light liquid, 93% control efficiency for pumps light liquids and 30% for heavy liquid, 95% for compressors, 97% for relief valves.<br><br>28CNTQ: 97% control efficiencies for flanges/connectors in gas/vapor and light liquid and 30% for heavy liquid.<br><br>28PI: 30% control efficiencies for valves all phases, pumps all phases, flanges/connectors all phases, compressors, and relieve valves. | 0           |        |

**RBLC Entries for Volatile Organic Compounds Control from Fugitives**

| Date       | Facility Name                             | RBLC ID | PROCESS NAME                   | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                  | Limit No. 1 | Unit |
|------------|-------------------------------------------|---------|--------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|
| 9/15/2022  | LNG EXPORT TERMINAL                       | TX-0878 | FUGITIVES                      | 0          |                 | 28 VHP                                                                                                                                                                                                                                                                                                                                                                          |             | 0    |
| 2/19/2020  | MOTIVA PORT ARTHUR TERMINAL               | TX-0879 | FUGITIVES                      | 0          |                 | 28PET leak detection and repair program. Monthly Audio/Visual/Olfactory (AVO) inspection requirements                                                                                                                                                                                                                                                                           |             | 0    |
| 2/19/2020  | MOTIVA PORT ARTHUR TERMINAL               | TX-0879 | PROCESS FUGITIVES              | 0          |                 | 28VHP leak detection and repair program. 97% credit for valves, 85% for pumps and compressors.                                                                                                                                                                                                                                                                                  |             | 0    |
| 1/24/2020  | PROPANE DEHYDROGENATION (PDH) UNIT        | TX-0884 | FUGITIVES                      | 0          |                 | 28 LAER                                                                                                                                                                                                                                                                                                                                                                         |             | 0    |
| 3/31/2020  | MONT BELVIEU NGL FRACTIONATION UNIT       | TX-0886 | EQUIPMENT LEAK FUGITIVES       | 0          |                 | 28 LAER leak detection and repair (LDAR) program                                                                                                                                                                                                                                                                                                                                |             | 0    |
| 4/7/2020   | MIDLAND PLAINS MARKETING TERMINAL         | TX-0887 | Fugitives                      | 0          |                 | The site-wide fugitive emissions are less than 10 tpy uncontrolled VOC emissions. LADR program and emission reduction credit is not applied.                                                                                                                                                                                                                                    |             | 0    |
| 7/13/2020  | NEDERLAND TERMINAL                        | TX-0892 | fugitives                      | 0          |                 | 28-VHP LDAR fugitive                                                                                                                                                                                                                                                                                                                                                            |             | 0    |
| 10/30/2020 | CHEVRON PHILLIPS CHEMICAL SWEENEY COMPLEX | TX-0894 | Unit 81 Fugitives (EPN FUG-02) | 0          |                 | Piping components at the Sweeney site are currently monitored under the stringent 28LAER LDAR program. The proposed piping components in this amendment will be monitored using the 28LAER program. Valves in heavy liquid service will use the language in the 28LAER LDAR program that requires AVO inspection.                                                               |             | 0    |
| 3/5/2021   | LBC HOUSTON BAYPORT TERMINAL              | TX-0899 | FUGITIVES                      | 0          |                 | Fugitive components will be monitored under the 28LAER program. This control meets LAER                                                                                                                                                                                                                                                                                         |             | 0    |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX | TX-0904 | FUGITIVES                      | 0          |                 | TCEQ 28VHP and 28CNTQ leak detection and repair (LDAR) programs                                                                                                                                                                                                                                                                                                                 |             | 0    |
| 10/30/2020 | PORT ARTHUR REFINERY                      | TX-0906 | FUGITIVES                      | 0          |                 | TCEQ 28VHP (LDAR) program                                                                                                                                                                                                                                                                                                                                                       |             | 0    |
| 8/27/2021  | NEWMAN POWER STATION                      | TX-0908 | Fugitives                      | 0          |                 | weekly AVO                                                                                                                                                                                                                                                                                                                                                                      |             | 0    |
| 12/8/2020  | POLYETHYLENE UNIT 1792                    | TX-0909 | Fugitives                      | 0          |                 | 28VHP                                                                                                                                                                                                                                                                                                                                                                           |             | 0    |
| 12/11/2020 | POLYETHYLENE UNIT 1796                    | TX-0910 | FUGITIVES                      | 0          |                 | 28 VHP                                                                                                                                                                                                                                                                                                                                                                          |             | 0    |
| 2/5/2021   | MONT BELVIEU FRACTIONATOR                 | TX-0912 | FUGITIVES                      | 0          |                 | Implement a 28LAER Leak Detection and Repair program including monitoring for leaks using Method 21.                                                                                                                                                                                                                                                                            |             | 0    |
| 6/13/2022  | HOUSTON PLANT - 22052                     | TX-0921 | FUGITIVES                      | 0          |                 | 28LAER                                                                                                                                                                                                                                                                                                                                                                          |             | 0    |
| 6/13/2022  | HOUSTON PLANT - 46307                     | TX-0922 | FUGITIVES                      | 0          |                 | 28 LAER                                                                                                                                                                                                                                                                                                                                                                         |             | 0    |
| 6/13/2022  | HOUSTON PLANT - 19806                     | TX-0924 | FUGITIVES                      | 0          |                 | 28 LAER                                                                                                                                                                                                                                                                                                                                                                         |             | 0    |
| 10/15/2021 | FORMOSA POINT COMFORT PLANT               | TX-0929 | FUGITIVES                      | 0          |                 | modified 28VHP LDAR program in VOC service. A more stringent 500ppmv leak definition of 28MID is used. Annual 28CNTA monitoring is voluntarily used.                                                                                                                                                                                                                            |             | 0    |
| 12/16/2021 | ROEHM AMERICA BAY CITY SITE               | TX-0931 | Fugitives                      | 0          |                 | TCEQ 28VHP/28CNTQ (LDAR) Program                                                                                                                                                                                                                                                                                                                                                |             | 0    |
| 3/29/2022  | BILL GREEHEY REFINERY EAST PLANT          | TX-0936 | REFINERY FUGITIVES             | 0          | MBF/YR          | 28VHP, 28AVO                                                                                                                                                                                                                                                                                                                                                                    |             | 0    |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION      | TX-0939 | NATURAL GAS FUGITIVES          | 0          |                 | 28AVO LDAR program                                                                                                                                                                                                                                                                                                                                                              |             | 0    |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION      | TX-0939 | AMMONIA FUGITIVES              | 0          |                 | 28AVO LDAR program                                                                                                                                                                                                                                                                                                                                                              |             | 0    |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION      | TX-0939 | DIESEL FUGITIVES               | 0          |                 | 28PI LDAR                                                                                                                                                                                                                                                                                                                                                                       |             | 0    |
| 9/13/2022  | DIAMOND GREEN DIESEL PORT ARTHUR FACILITY | TX-0942 | FUGITIVES                      | 0          |                 | TCEQ 28VHP and 28PI (for ultra-heavy liquids with low vp) leak detection and repair (LDAR) programs                                                                                                                                                                                                                                                                             |             | 0    |
| 4/6/2023   | FORMOSA POINT COMFORT PLANT OL3           | TX-0945 | FUGITIVES                      | 0          |                 | 28 VHP LDAR                                                                                                                                                                                                                                                                                                                                                                     |             | 0    |
| 3/14/2023  | INEOS OLIGOMERS CHOCOLATE BAYOU           | TX-0955 | EQUIPMENT FUGITIVES            | 0          |                 | TCEQ 28LAER leak detection and repair (LDAR) quarterly instrument monitoring program with weekly AVO walk through checks and instrument directed repair                                                                                                                                                                                                                         |             | 0    |
| 6/8/2023   | ENTERPRISE MONT BELVIEU COMPLEX           | TX-0956 | FUGITIVES                      | 0          |                 | VOC fugitives will be controlled via 28LAER;<br>In addition, EP will utilize leak free pumps and compressors                                                                                                                                                                                                                                                                    |             | 0    |
| 12/29/2023 | ORANGE PLANT                              | TX-0965 | FUGITIVES                      | 0          |                 | 28VHP & 28CNTA LDAR                                                                                                                                                                                                                                                                                                                                                             |             | 0    |
| 11/14/2023 | EQUSTAR LAPORTE COMPLEX                   | TX-0966 | FUGITIVES                      | 0          |                 | 28LAER LDAR program                                                                                                                                                                                                                                                                                                                                                             |             | 0    |
| 2/5/2024   | QUAIL RUN CARBON CAPTURE PLANT            | TX-0967 | EQUIPMENT FUGITIVES            | 0          |                 | 28M leak detection and repair (LDAR) program (voluntary).<br>The total VOC emission rate from equipment leak fugitives from all fugitives associated with the proposed project combined before taking LDAR credits is approximately 9.38 tpy, which does not require LDAR control per TCEQ Tier 1 BACT. However, the applicant will voluntarily implement the 28M LDAR program. |             | 0    |

**RBLC Entries for GHG Control from Fugitives**

| Date      | Facility Name                | RBLC ID | PROCESS NAME                                        | THROUGHPUT | THROUGHPUT UNIT        | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit No. 1 | Unit            |
|-----------|------------------------------|---------|-----------------------------------------------------|------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 2/14/2019 | NUCOR STEEL FLORIDA FACILITY | FL-0368 | Meltshop Baghouse & Fugitives                       | 450000     | tons of steel per year | Scrap preheating & an energy monitoring and management system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 438         | LB/TON OF STEEL |
| 9/21/2020 | WESTLAKE CHEMICAL OPCO, LP   | KY-0113 | EU# 025A (EPN FUG-ETH-VVa) Ethylene Plant Fugitives | 0          |                        | <p>The equipment leak fugitives involve process piping components (pumps, valves, connectors, etc.) to distribute the liquid and gaseous materials among process units during the manufacture of products. Emissions from those components are mostly related to leakage from seals, connection interfaces, valve stems, etc.</p> <p>Control method is the same as that for VOC BACT.</p> <p>Leak is defined as reading of 500ppmv; BACT includes:<br/>proper labeling and following the requirements in 40 CFR 60, Subpart VVa and following good work practices including:<br/>1. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p> | 0           |                 |
| 9/21/2020 | WESTLAKE CHEMICAL OPCO, LP   | KY-0113 | EU# 025B (EPN FUG-ETH) Ethylene Plant Fugitives     | 0          |                        | <p>Control method is the same as that for VOC BACT.</p> <p>Leak is defined as reading of 500ppmv; BACT includes:<br/>proper labeling and following the requirements in 40 CFR 60, Subpart VVa and following good work practices including:<br/>1. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p>                                                                                                                                                                                                                                                                                                                                   | 0           |                 |

**RBLC Entries for GHG Control from Fugitives**

| Date       | Facility Name                            | RBLC ID | PROCESS NAME                                              | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit No. 1 | Unit   |
|------------|------------------------------------------|---------|-----------------------------------------------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|
| 9/21/2020  | WESTLAKE CHEMICAL OPCO, LP               | KY-0113 | EU# 025 (EPN FUG-ETH-YY) Ethylene Plant Fugitives         | 0          |                 | <p>The equipment leak fugitives involve process piping components (pumps, valves, connectors, etc.) to distribute the liquid and gaseous materials among process units during the manufacture of products. Emissions from those components are mostly related to leakage from seals, connection interfaces, valve stems, etc.</p> <p>Control method is the same as that for VOC BACT.</p> <p>Leak is defined as reading of 500ppmv; BACT includes:<br/>proper labeling and following the requirements in 40 CFR 63, Subpart YY and Subpart UU and following good work practices including:<br/>1. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p> | 0           |        |
| 11/13/2020 | WESTLAKE VINYL, INC.- VINYL PLANT        | KY-0114 | FUG-MON-NG Monomer Plant Fugitives in Natural Gas service | 0          |                 | <p>1. EDAR program with instrument sensors consistent with 40 CFR 63, Subpart H requirements.<br/>2. Leak is defined as a reading of 500 ppmv<br/>3. Good piping design and work practices.<br/>4. Installation of high quality/compatible components to provide long term control.</p> <p>Good work practices include:<br/>1. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes based on the material.<br/>2. New and reworked buried connectors shall be welded.<br/>3. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be reasonably accessible for leak checking during plant operation.<br/>4. Damaged, leaking, or severely rusted valves, connectors, compressor seals, agitator seals, and pump seals found by visual inspection to be leaking (e.g., process fluids) shall be tagged and replaced or repaired. All leaking components that cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.<br/>5. Open-ended lines are required to be equipped with a cap, plug, blind flange, or second valve.<br/>6. New relief valves are required to vent to a control device for any potential releases and as a result, any fugitive emissions are reduced. Exceptions may be made if venting relief valves to control will result in a safety concern, but this does not exempt the company from controls such as equipping the valve with a rupture disk and pressure-sensing device.</p>                                                                                                                                                                                                                                                                    | 0           |        |
| 6/30/2016  | LAKE CHARLES METHANOL FACILITY           | LA-0305 | Fugitives                                                 | 0          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0           |        |
| 3/21/2016  | MAGNOLIA LNG FACILITY                    | LA-0307 | fugitives                                                 | 0          |                 | good piping design/maintenance/work practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0           |        |
| 7/10/2018  | DRIFTWOOD LNG FACILITY                   | LA-0349 | Fugitives                                                 | 0          |                 | Leak Management Program an Good Work Practices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0           |        |
| 9/3/2020   | LAKE CHARLES LNG EXPORT TERMINAL         | LA-0383 | Fugitives (FUG0001)                                       | 0          |                 | Proper piping design and LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0           |        |
| 6/3/2022   | MAGNOLIA POWER GENERATING STATION UNIT 1 | LA-0391 | Fugitives                                                 | 0          |                 | Proper piping design and installation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 104         | T/YR   |
| 5/4/2018   | NUCOR STEEL - BERKELEY                   | SC-0183 | Pickle Line Equipment (pickle line no. 3 fugitives)       | 0          |                 | Energy Efficient Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0           |        |
| 11/12/2015 | BISHOP FACILITY                          | TX-0774 | Fugitives                                                 | 0          |                 | 28VHP fugitive monitoring program on lines containing >10% methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 344         | TPY    |
| 6/24/2016  | PL PROPYLENE HOUSTON OLEFINS PLANT       | TX-0801 | Fugitives                                                 | 0          |                 | LDAR 28LAER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0           |        |
| 6/30/2017  | JACKSON COUNTY GENERATING FACILITY       | TX-0824 | Natural Gas Fugitives                                     | 0          |                 | weekly checks for leaks using audio, visual, and olfactory (AVO) sensing for natural gas leaks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 693.3       | T/YR   |
| 1/9/2018   | EXXONMOBIL BEAUMONT REFINERY             | TX-0832 | FUGITIVES                                                 | 0          |                 | AVO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 758         | TON/YR |
| 6/13/2018  | BEAUMONT CHEMICAL PLANT                  | TX-0838 | fugitives                                                 | 0          |                 | 28MID LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |        |
| 6/13/2018  | BEAUMONT CHEMICAL PLANT                  | TX-0838 | fugitives                                                 | 0          |                 | 28MID LDAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0           |        |
| 8/24/2018  | ARKEMA BEAUMONT PLANT                    | TX-0845 | FUGITIVES                                                 | 0          |                 | AVO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0           |        |
| 12/17/2018 | RIO BRAVO PIPELINE FACILITY              | TX-0851 | FUGITIVES                                                 | 0          |                 | 28 VHP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0           |        |

**RBLC Entries for GHG Control from Fugitives**

| Date       | Facility Name                             | RBLC ID | PROCESS NAME          | THROUGHPUT | THROUGHPUT UNIT | Control Method                                                                                               | Limit No. 1 | Unit |
|------------|-------------------------------------------|---------|-----------------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------|-------------|------|
| 9/9/2019   | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX    | TX-0865 | FUGITIVES             | 0          |                 | 28LAER & 28PI LDAR                                                                                           | 0           |      |
| 2/6/2020   | PORT ARTHUR ETHANE CRACKER UNIT           | TX-0876 | FUGITIVES             | 0          |                 | TCEQ 28VHP and 28CNTQ leak detection and repair (LDAR) programs                                              | 0           |      |
| 9/15/2022  | LNG EXPORT TERMINAL                       | TX-0878 | FUGITIVES             | 0          |                 | 28 VHP                                                                                                       | 0           |      |
| 1/10/2020  | EXXONMOBIL BEAUMONT REFINERY              | TX-0881 | FUGITIVES             | 0          |                 | Compliance with Refinery MACT fugitives and Texas 28VHP LDAR program.                                        | 0           |      |
| 1/24/2020  | PROPANE DEHYDROGENATION (PDH) UNIT        | TX-0884 | FUGITIVES             | 0          |                 | 28LAER; In addition, utilize leak free pumps and compressors.                                                | 0           |      |
| 9/9/2020   | MOTIVA POLYETHYLENE MANUFACTURING COMPLEX | TX-0904 | FUGITIVES             | 0          |                 | TCEQ 28VHP and 28CNTQ leak detection and repair (LDAR) programs                                              | 0           |      |
| 10/30/2020 | PORT ARTHUR REFINERY                      | TX-0906 | FUGITIVES             | 0          |                 | TCEQ 28VHP (LDAR) program                                                                                    | 0           |      |
| 8/27/2021  | NEWMAN POWER STATION                      | TX-0908 | Fugitives             | 0          |                 | weekly AVO                                                                                                   | 0           |      |
| 3/13/2023  | ORANGE COUNTY ADVANCED POWER STATION      | TX-0939 | NATURAL GAS FUGITIVES | 0          |                 | 28AVO LDAR program                                                                                           | 0           |      |
| 4/6/2023   | FORMOSA POINT COMFORT PLANT OL3           | TX-0945 | FUGITIVES             | 0          |                 | 28 VHP                                                                                                       | 0           |      |
| 6/8/2023   | ENTERPRISE MONT BELVIEU COMPLEX           | TX-0956 | FUGITIVES             | 0          |                 | VOC fugitives will be controlled via 28LAER;<br>In addition, EP will utilize leak free pumps and compressors | 0           |      |
| 10/5/2023  | NEDERLAND FACILITY                        | TX-0964 | EQUIPMENT FUGITIVES   | 0          |                 | Good management practice and personal portable CO<br>monitors for leaking detection                          | 0           |      |
| 5/3/2024   | SEADRIFT FACILITY                         | TX-0973 | FUGITIVES             | 0          |                 | 28MID leak detection and repair (LDAR) program (voluntary)                                                   | 0           |      |



# Appendix D

## PSD Modeling Protocol and EMEW

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## **PSD Modeling Protocol**

**Fermi Equipment Holdco LLC  
Fermi America Project Matador**

*Carson County, Texas*

**August 2025**

# Table of Contents

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|       |                                                              |     |
|-------|--------------------------------------------------------------|-----|
| 1.    | Project Identification Information .....                     | 1-1 |
| 2.    | Project Overview .....                                       | 2-1 |
| 2.1   | Type of Permit Review .....                                  | 2-1 |
| 2.2   | Air Constituents Evaluated .....                             | 2-2 |
| 3.    | Area Map .....                                               | 3-1 |
| 4.    | Plot Plan .....                                              | 4-1 |
| 5.    | Air Quality Monitoring Data .....                            | 5-1 |
| 5.1   | Available Background Concentrations .....                    | 5-1 |
| 5.2   | PSD Ambient Monitoring Requirement .....                     | 5-2 |
| 6.    | Modeling Emissions Inventory.....                            | 6-1 |
| 6.1   | On-Property Sources.....                                     | 6-1 |
| 6.2   | Off-Property Sources .....                                   | 6-1 |
| 6.3   | Stack Parameter Justification.....                           | 6-2 |
| 6.3.1 | Good Engineering Practice Stack Height.....                  | 6-2 |
| 6.3.2 | Stack Parameters – Project Sources.....                      | 6-2 |
| 6.3.3 | Turbine Startup Shutdown Scenarios .....                     | 6-3 |
| 6.3.4 | Emergency Equipment Emissions .....                          | 6-3 |
| 6.3.5 | NO <sub>x</sub> -to-NO <sub>2</sub> Conversion .....         | 6-4 |
| 6.3.6 | PM <sub>2.5</sub> Emissions.....                             | 6-4 |
| 6.4   | Scaling Factors .....                                        | 6-4 |
| 7.    | Models Proposed and Modeling Techniques .....                | 7-1 |
| 7.1   | Model Options .....                                          | 7-1 |
| 7.2   | Modeling Approach – Preliminary Impact Determination.....    | 7-1 |
| 7.2.1 | Modeled Emission Rates for Precursors (MERPs) Analysis ..... | 7-1 |
| 7.2.2 | Single Source Secondary O <sub>3</sub> Analysis.....         | 7-2 |
| 7.2.3 | Area of Significant Impact (AOI) Analysis.....               | 7-2 |
| 7.2.4 | PSD Analysis.....                                            | 7-3 |
| 7.3   | Modeling Approach – Full Impact Analysis .....               | 7-3 |
| 7.3.1 | NAAQS Analysis .....                                         | 7-4 |
| 7.3.2 | PSD Increment Consumption Analysis .....                     | 7-4 |

|      |                                                  |      |
|------|--------------------------------------------------|------|
| 8.   | Selection of Dispersion Option .....             | 8-1  |
| 9.   | Building Wake Effects .....                      | 9-1  |
| 10.  | Receptor Grids .....                             | 10-1 |
| 11.  | Meteorological Data .....                        | 11-1 |
| 12.  | Modeling Results .....                           | 12-1 |
| 13.  | Class I Area Impact Analysis .....               | 13-1 |
| 13.1 | Class I Area Increment Analysis .....            | 13-1 |
| 14.  | State-Only Air Quality Impact Analyses.....      | 14-1 |
| 14.1 | TCEQ State Property Line Standard Analysis ..... | 14-1 |
| 14.2 | Health Effects Analysis .....                    | 14-1 |

## List of Tables

|            |                                                                           |      |
|------------|---------------------------------------------------------------------------|------|
| Table 2-1  | Prevention of Significant Deterioration Regulatory Threshold Evaluation . | 2-2  |
| Table 5-1  | Proposed Ambient Air Background Monitors and Data.....                    | 5-1  |
| Table 5-2  | Monitoring De Minimis Levels .....                                        | 5-2  |
| Table 8-1  | Summary of AERSURFACE Inputs and Outputs .....                            | 8-1  |
| Table 11-1 | Summary of Meteorological Data Selection .....                            | 11-1 |

## List of Appendices

|            |                                                      |
|------------|------------------------------------------------------|
| Appendix A | Project Source Parameters and Emission Rates Modeled |
| Appendix B | TCEQ Electronic Modeling Evaluation Workbook         |

# Section 1

## Project Identification Information

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This document presents the proposed air dispersion modeling for evaluating the air quality impacts resulting from the construction of a new natural gas-fired combined cycle power plant on an approximately 5,855-acre site in Carson County, Texas.

TRC Environmental Corporation (TRC) has prepared this protocol following written and verbal methodologies and procedures of the Texas Commission on Environmental Quality (TCEQ) and United States Environmental Protection Agency (USEPA).

To simplify the review of this protocol, it has been written to closely follow the order of the items listed in the Reporting Requirements (Appendix P) of the TCEQ's *Air Quality Modeling Guidelines, APDG 6232, June 2024* (AQMG).

|                             |                               |
|-----------------------------|-------------------------------|
| Applicant:                  | Fermi Equipment Holdco LLC    |
| Facility:                   | Project Matador               |
| Regulated Entity Number:    | TBD                           |
| Permit Application Numbers: | TBD                           |
| Nearest City:               | Amarillo                      |
| County:                     | Carson County                 |
| Applicant's Modeler:        | TRC Environmental Corporation |

## Section 2

# Project Overview

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Fermi Equipment Holdco, LLC (dba Fermi America) is proposing to construct a new natural gas-fired combined cycle power plant on an approximately 5,855-acre site in Carson County, Texas. The new power plant (the Project) will operate under the name Project Matador. Project Matador will provide electricity to an on-site Artificial Intelligence-focused data center campus and will not be capable of selling electricity to or receiving power from the local utility power distribution system.

The Project will consist of the installation of Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines and HRSGs equipped with Selective Catalytic Reduction (SCR) and an oxidation catalyst system for emissions control, and ancillary equipment. The Project's nominal generation capacity will be approximately 6,000 megawatts (MW). The turbines will be fired exclusively with pipeline quality natural gas.

An air quality analysis (AQA) will be conducted to demonstrate that emissions associated with this project will not cause or contribute to an exceedance of the National Ambient Air Quality Standards (NAAQS), Prevention of Significant Deterioration (PSD) increment consumption limits, or TCEQ property line standards. Impacts from the proposed project will not cause or contribute to adverse health effects, odor nuisance potentials, or effects with respect to vegetation or corrosion. Additionally, impacts from the proposed project will not cause or contribute to adverse effects with respect to growth, visibility, and soils.

### 2.1 Type of Permit Review

Carson County is designated as an attainment or unclassifiable area with respect to the NAAQS for all criteria pollutants. The Project will result in emissions of nitrogen oxides (NO<sub>x</sub>), volatile organic compounds (VOC), carbon monoxide (CO), particulate matter (PM), particulate matter with diameters of 10 microns or less (PM<sub>10</sub>), particulate matter with diameters of 2.5 microns or less (PM<sub>2.5</sub>), sulfur dioxide (SO<sub>2</sub>), sulfuric acid (H<sub>2</sub>SO<sub>4</sub>), hydrogen sulfide (H<sub>2</sub>S) and ammonia (NH<sub>3</sub>). Under the federal New Source Review (NSR) program, this Project will trigger PSD review for Ozone as VOC and NO<sub>x</sub> emissions, CO, PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>x</sub>, H<sub>2</sub>SO<sub>4</sub>, and SO<sub>2</sub>.

Table 2-1 below provides a summary of the PSD emission significance for each PSD-regulated pollutant.

**Table 2-1 Prevention of Significant Deterioration Regulatory Threshold Evaluation**

| Pollutant                      | Potential to Emit (tpy) | PSD Major Source Threshold (tpy) | Exceeds Threshold? | PSD SER (tpy) | Exceeds Threshold? | PSD Review Applies? |
|--------------------------------|-------------------------|----------------------------------|--------------------|---------------|--------------------|---------------------|
| NO <sub>x</sub>                | 1,591.48                | 250                              | Yes                |               |                    | Yes                 |
| CO                             | 2,140.86                | 250                              | Yes                |               |                    | Yes                 |
| SO <sub>2</sub>                | 282.28                  | 250                              | Yes                |               |                    | Yes                 |
| PM                             | 1,075.12                | 250                              | Yes                |               |                    | Yes                 |
| PM <sub>10</sub>               | 1,025.80                | 250                              | Yes                |               |                    | Yes                 |
| PM <sub>2.5</sub>              | 976.69                  | 250                              | Yes                |               |                    | Yes                 |
| VOC                            | 581.75                  | 250                              | Yes                |               |                    | Yes                 |
| H <sub>2</sub> SO <sub>4</sub> | 43.20                   | 250                              | No                 | 7             | Yes                | Yes                 |

## 2.2 Air Constituents Evaluated

As discussed in Section 2.1, the project will trigger PSD review for NO<sub>x</sub>, CO, SO<sub>2</sub>, H<sub>2</sub>SO<sub>4</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. To satisfy PSD review requirements, these pollutants were evaluated for comparison with the NAAQS and PSD increment consumption limits.

The TCEQ has implemented a state-specific procedure for evaluation of ground-level concentrations of SO<sub>2</sub>, hydrogen sulfide (H<sub>2</sub>S), and H<sub>2</sub>SO<sub>4</sub>. Additionally, TCEQ requires a Modeling and Effects Review Applicability (MERA) assessment of air toxics for which Effects Screening Levels (ESLs) have been established. An electronic copy of the TCEQ's Electronic Modeling Evaluation Workbook (EMEW) summarizing the inputs and results of the TCEQ state modeling conducted for the Project will be provided.

## Section 3

# Area Map

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The Project will be situated on an approximately 5,855-acre site in Carson County, Texas, devoted to the power generation facilities and data center campus. The site is located approximately 15 miles northeast of Amarillo, TX along US Hwy 60, near intersection of US Hwy 60 and FM 2373 on north side of the road.

An Area Map (Figure 1-1) illustrating the location of the property and surrounding area is included with the application. The area map includes a true north arrow, accurate scale, the entire plant property, the location of the property relative to prominent geographical features, and significant landmarks. It includes a circle of 3,000-ft radius and a circle of one-mile radius from the property boundary. The area map includes current aerial photography to depict the land use surrounding the property.

The Area Map shows schools located within a 3,000-ft radius from the site as well as the nearest receptors (permanently occupied off-site structures).



## Section 4

# Plot Plan

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Plot Plans were developed to show the scale, north direction, two benchmark locations, all property lines, and all emission points associated with the facilities to be permitted. Fencing will be in place along all property boundaries. The plot plans are included in Figures 1-2, 1-2A, and 1-2B submitted with the application.

A detailed modeling plot plan showing the names and locations of all emission points and structures relative to the property boundary will be provided with the AQA.

# Section 5

## Air Quality Monitoring Data

Estimates for the current ambient air background concentrations at the proposed project site may be required for two distinct and separate purposes: (1) to demonstrate that the ambient air concentrations of PSD-significant pollutants are currently in compliance with the NAAQS and (2) for use in a full impact NAAQS modeling analysis.

### 5.1 Available Background Concentrations

Based on a review of the United States Environmental Protection Agency (USEPA)'s AirData website, Fermi America proposes using data collected at monitoring stations selected following guidance from the TCEQ's *Air Quality Modeling Guidelines* (AQMG) in selecting the form of the monitored concentration for each pollutant and averaging period, as shown in Table 5-1. The data collected from these monitors meets USEPA requirements for completeness.

**Table 5-1 Proposed Ambient Air Background Monitors and Data**

| Pollutant         | Monitor Name and Monitor ID                            | County  | Averaging Period | Background Concentration |                              | Form                                                                             |
|-------------------|--------------------------------------------------------|---------|------------------|--------------------------|------------------------------|----------------------------------------------------------------------------------|
|                   |                                                        |         |                  | (ppb)                    | ( $\mu\text{g}/\text{m}^3$ ) |                                                                                  |
| NO <sub>2</sub>   | Calaveras Lake<br>48-029-0059                          | Bexar   | 1-hour           | 34                       | 63.92                        | 3-Year Average of 98 <sup>th</sup> Percentiles of the Daily Maximums - 2022-2024 |
|                   |                                                        |         | Annual           | 5                        | 9.40                         | 1-Year Average of 1st Highs 2024                                                 |
| PM <sub>10</sub>  | Earhart<br>48-113-0061                                 | Dallas  | 24-hour          |                          | 68                           | 3-Year Max of 2nd Highs 2022-2024                                                |
| PM <sub>2.5</sub> | East 12 <sup>th</sup> Street<br>Lubbock<br>48-135-1014 | Lubbock | 24-hour          |                          | 17                           | 3-Year Average of 98 <sup>th</sup> Percentiles of the Daily Maximums - 2022-2024 |
|                   |                                                        |         | Annual           |                          | 5                            | 3-Year Average of 1st Highs 2022-2024                                            |
| SO <sub>2</sub>   | NE 24 <sup>th</sup> Street<br>Amarillo<br>48-375-1025  | Potter  | 1-hour           | 17.3                     | 45                           | 3-Year Average of 99 <sup>th</sup> Percentiles of the Daily Maximums - 2022-2024 |
|                   |                                                        |         | Annual           | 0.4                      | 0.9                          | 3-Year Average of 1st Highs 2022-2024                                            |
| CO                | San Marciel Street<br>El Paso<br>48-141-1044           | El Paso | 1-hour           |                          | 5                            | Most Recent Year 1 <sup>st</sup> High                                            |
|                   |                                                        |         | 8-hour           |                          | 3                            | Most Recent Year 1 <sup>st</sup> High                                            |
| O <sub>3</sub>    | Ivanhoe<br>48-141-0029                                 | El Paso | 8-hour           | 64 ppb                   |                              | 3-Year Average of 4th Highs 2022-2024                                            |

The appropriateness of using data from these monitoring stations to establish representative background concentrations will be included with the modeling.

Following guidance contained in TCEQ's AQMG, TCEQ's *Background Concentration Determination for Use in NAAQS Analyses*, September 2, 1998, and USEPA's *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD)*, USEPA-450/4-87-007, May 1987 Fermi America concludes, as described below, that the air quality monitoring data used to establish background concentrations is representative of the area around the Project.

TCEQ's 2023 Point Source Emission Inventory (PSEI) data will be used to compare emissions within 10 km of the Project and emissions within 10 km of the selected monitors. In addition, EPA's 2020 National Emissions Inventory (NEI) data will be used to compare county-wide emissions for the Project and the selected monitors.

A map showing the locations of the proposed ambient air monitoring sites will be provided in the AQA.

## 5.2 PSD Ambient Monitoring Requirement

PSD review may require projects to conduct pre-construction ambient monitoring to characterize existing ambient air quality. However, if dispersion model predicted impacts are less than USEPA's Monitoring De Minimis Concentrations (also called significant monitoring concentrations [SMCs]), as shown in Table 5-2, preconstruction monitoring would be waived.

**Table 5-2 Monitoring De Minimis Levels**

| Pollutant                                                                                                                                                                                                                                                                                                                    | Averaging Period | Monitoring De Minimis Level  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|
|                                                                                                                                                                                                                                                                                                                              |                  | ( $\mu\text{g}/\text{m}^3$ ) |
| CO                                                                                                                                                                                                                                                                                                                           | 8-hour           | 575                          |
| NO <sub>2</sub>                                                                                                                                                                                                                                                                                                              | Annual           | 14                           |
| PM <sub>10</sub>                                                                                                                                                                                                                                                                                                             | 24-hour          | 10                           |
| PM <sub>2.5</sub>                                                                                                                                                                                                                                                                                                            | 24-hour          | -- <sup>a</sup>              |
| SO <sub>2</sub>                                                                                                                                                                                                                                                                                                              | 24-hour          | 13                           |
| O <sub>3</sub>                                                                                                                                                                                                                                                                                                               | 8-hour           | -- <sup>b</sup>              |
| Notes:<br><sup>a</sup> Per Sierra Club vs. USEPA, the pre-construction requirement cannot be waived for PM <sub>2.5</sub> .<br><sup>b</sup> Ozone ambient impact analysis is required, including pre-construction monitoring, when a project proposes a net emission increase of 100 tpy or more of NO <sub>x</sub> or VOCs. |                  |                              |

The DC Circuit Court vacated the PM<sub>2.5</sub> SMC in its 2013 ruling (*Sierra Club vs. USEPA*), ruling that the USEPA could not “waive” the pre-construction monitoring requirement for PM<sub>2.5</sub>. Subsequent USEPA guidance indicates that existing air quality monitoring data, if deemed representative, can be used to satisfy pre-construction monitoring requirements.

# Section 6

## Modeling Emissions Inventory

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### 6.1 On-Property Sources

As discussed in Section 2, Fermi America is submitting a permit application to authorize a new natural gas-fired combined cycle power plant. Emission sources associated with the Project include:

- Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines and HRSGs equipped with Selective Catalytic Reduction (SCR) and an oxidation catalyst system for emissions control;
- Two (2) ULSD black start engine generators;
- Six (6) ultra-low-sulfur diesel (ULSD) emergency generator engines;
- Two (2) ULSD fire suppression system pump engines;
- Four (4) ULSD storage tanks;
- Fifteen (15) cooling towers;
- Combustion lube oil recirculation systems with lube oil vents for each combustion turbine generator (CTG);
- Piping component fugitive emissions from the natural gas system and SCR ammonia system piping components; and
- Turbine maintenance activities that are inherently low emitting (ILE).

A table summarizing the project-related emission sources and the emission rates modeled are included in Appendix A.

### 6.2 Off-Property Sources

Off-property sources with the potential to contribute to the area of significant impact will be included in the modeling for those constituents and averaging periods that are over the SIL.

The off-property sources will be obtained from the TCEQ by requesting a retrieval of the Air Permits Allowable Database (APAD). The APAD system is the TCEQ's representation of a complete inventory and replaced the Point Source Data Base (PSDB) in 2013. The TCEQ published a *"Fact Sheet – Air Dispersion Modeling Retrievals from the Air Permits Allowable Database"*

(APAD)” which states that compared to PSDB retrievals, primary and secondary are no longer used and only sources within 50 km of the coordinates provided will be used. Therefore, the APAD retrieval that will be used in the modeling includes all sources that are within a 50 km radius of the Project.

The APAD sources will be reviewed for completeness and accuracy. In many cases, source parameters may be missing from APAD. Attempts will be made to obtain actual parameters through the review of TCEQ online records (emission inventories and permit applications). Where actual data is not able to be determined, TCEQ default pseudo-point parameters will be used.

## **6.3 Stack Parameter Justification**

### **6.3.1 Good Engineering Practice Stack Height**

Each source will be modeled at its physical release height or at the BPIP-calculated GEP stack height, whichever is lower.

### **6.3.2 Stack Parameters – Project Sources**

The emission release parameters for on-site sources are presented below:

#### **Turbine Stacks**

The turbine stacks (EPNs: HRSGA1 – HRSGA18, HRSGB1 - HRSGB18, HRSGC1 - HRSGC18, HRSGD1 - HRSGD18, HRSGE1 – HRSGE18 ) will be modeled as point sources with exhaust parameter values (i.e., velocities, diameters, and temperatures) properly identified to calculate the buoyancy and momentum rise of their emissions. The stack parameter values will be based on engineering design information.

#### **Engines**

The firewater pumps (EPNs: FPUMP1 and FUMP2), emergency engines (EPNs: EGEN1 through EGEN6), and black start generators (EPNs: ENGINE-1 and ENGINE-2) will be modeled as point sources with exhaust parameter values (i.e., velocities, diameters, and temperatures) properly identified to calculate the buoyancy and momentum rise of their emissions. The stack parameter values will be based on engineering design information.

#### **Fugitive Source Parameters**

Fugitive emissions from the cooling towers (EPNs: CT-1 through CT-15) will be modeled as a pseudo-point source at the vent’s approximate release height.

Fugitive emissions from the lube oil vents (EPNs: LOV1 through LOV90) will be modeled as a pseudo-point source at the vent's approximate release height.

Natural gas component fugitives (EPN: NGFUG) corresponding to potential piping losses will be modeled as a small 1 meter x 1 meter area source with a release height of 1 meter.

Ammonia component fugitives (EPN: NH3FUG) correspond to potential piping losses surrounding the Selective Catalyst Reduction (SCR) units. These fugitive emissions will be modeled as a small 1 meter x 1 meter area source with a release height of 1 meter.

Proposed inherently low emitting (ILE) turbine maintenance activities (EPN: MSSFUG) that may generate fugitive emissions will be modeled as a small 1 meter x 1 meter area source with a release height of 1 meter.

Diesel storage tanks (EPN: TNK-DSL1 through TNK-DSL4) will be modeled as a small 1 meter x 1 meter area source with a release height of 9.1 meter, corresponding to the tank top.

### **6.3.3 Turbine Startup Shutdown Scenarios**

Higher emission rates have been quantified for NO<sub>x</sub> and CO to account for turbine startup/shutdown (SU/SD). These emissions were conservatively modeled as occurring every hour of the year. The submitted modeling will include a detailed description of the modeled emissions scenarios involving startup and shutdown operations.

### **6.3.4 Emergency Equipment Emissions**

The project includes six diesel-fired emergency generators (EPNs: EGEN1 through EGEN6) and two diesel-fired firewater pumps (EPNs: FPUMP1 and FUMP2). Emissions associated with the emergency readiness testing of these engines will be modeled.

Fermi America plans to test the emergency equipment according to the manufacturer's recommended testing schedules. A typical testing schedule for emergency engines is testing each engine once per month for a period of approximately 60 minutes. The modeling included a maximum of 60 minutes of testing emissions for the following modeled averaging periods: 8-hour CO, 24-hour PM<sub>10</sub>, and 24-hour PM<sub>2.5</sub>. Specifically, 8-hour emissions will equal the hourly emissions multiplied by 1/8, and 24-hour emissions will equal the hourly emissions multiplied by 1/24.

The USEPA's Additional Clarification Regarding Application of Appendix W Modeling Guidance for the 1-hour NO<sub>2</sub> National Ambient Air Quality Standard; March 1, 2011 states that compliance demonstrations for the 1-hour NO<sub>2</sub> NAAQS be based on emission scenarios that can logically be assumed to be relatively continuous or which occur frequently enough to contribute significantly to the annual distribution of daily maximum 1-hour concentrations. As such, the 1-hour NO<sub>2</sub> emissions associated with these intermittent sources will be modeled per USEPA guidelines, multiplying the maximum hourly emission rate by the ratio of the proposed hours per year and total available hours per year. The emission calculations include a conservative annual emissions estimate corresponding to 100 hours per year. Therefore, the modeling of 1-hour NO<sub>2</sub> emissions associated with these intermittent sources will be conservatively modeled using the annualized emissions testing schedule.

The emissions associated with emergency equipment operating during an actual emergency will not be modeled because the proposed authorization does not include such emissions.

#### **6.3.5 NO<sub>x</sub>-to-NO<sub>2</sub> Conversion**

Following guidance included in the USEPA's *Guideline on Air Quality Models; Appendix W to 40 CFR Part 51; January 17, 2017*; the Tier 2 default Ambient Ratio Method 2 (ARM2) NO<sub>x</sub>-to-NO<sub>2</sub> conversion will be utilized within the AERMOD model. The Appendix W default minimum ambient ratio of 0.5 and the maximum ambient ratio of 0.9 will be used.

#### **6.3.6 PM<sub>2.5</sub> Emissions**

The secondary PM<sub>2.5</sub> impacts will be estimated using guidance from the Appendix R of the TCEQ's AQMG. This TCEQ guidance is based on the USEPA's *Guidance on the Development of Modeled Emission Rates for Precursors (MERPs) as a Tier 1 Demonstration Tool for Ozone and PM<sub>2.5</sub> under the PSD Permitting Program, April 30, 2019*. MERPs derived using the USEPA's photochemical modeling results for hypothetical sources located in Texas will be used to estimate the air quality PM<sub>2.5</sub> impacts associated with project-related emissions of NO<sub>x</sub> and SO<sub>2</sub>. These conservative secondary PM<sub>2.5</sub> impact estimates will be included in the preliminary impact determination, full impact NAAQS and full impact PSD increment consumption analyses.

### **6.4 Scaling Factors**

No additional scalars or factors are anticipated to be used in the modeling analyses.



## Section 7

# Models Proposed and Modeling Techniques

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The American Meteorological Society / Environmental Protection Agency Regulatory Model (AERMOD), Version 24142, will be used to perform the dispersion modeling. AERMOD is the latest generation of atmospheric dispersion models suitable for industrial sources and is the model preferred by the USEPA for such applications. To facilitate the running of AERMOD, the Providence/ORIS's "BEE-Line BEEST for Windows" graphic user interface (Version 12.13) will be used.

### 7.1 Model Options

The following model options will be used in the application of the AERMOD modeling:

- Regulatory default option enabled.
- A low roughness parameter will be used based on the results of the analysis described in Section 8.
- Elevated terrain will be used for modeling the area around the project site.
- All project sources will be modeled at their actual release heights.
- Modeling receptors will be placed to a distance that clearly identifies the area of impact. The receptor grid spacing is discussed in Section 10.

### 7.2 Modeling Approach – Preliminary Impact Determination

A preliminary impact determination will be conducted to commence the modeling analysis. The purpose of the preliminary analysis is to determine whether proposed emissions from the project sources have a "significant" impact on the existing air quality. The various preliminary modeling analyses are described in the sections below.

#### 7.2.1 Modeled Emission Rates for Precursors (MERPs) Analysis

As described in Section 6.3.6, a Tier 1 approach will be used to estimate the secondary PM<sub>2.5</sub> impacts associated with the project-related precursor emissions. The secondary PM<sub>2.5</sub> impacts will be estimated using guidance from the Appendix R of the TCEQ's AQMG. That guidance is based on the USEPA's *Guidance on the Development of Modeled Emission Rates for Precursors (MERPs) as a Tier 1 Demonstration Tool for Ozone and PM<sub>2.5</sub> under the PSD Permitting Program*, April 30, 2019. MERPs derived using the USEPA's photochemical modeling results for hypothetical sources located in Texas will be used to

estimate the air quality secondary PM<sub>2.5</sub> impacts associated with project-related emissions of NO<sub>x</sub> and SO<sub>2</sub>. These secondary PM<sub>2.5</sub> impacts will be included in the preliminary impact determination, full impact NAAQS and full impact PSD increment consumption analyses.

### **7.2.2 Single Source Secondary O<sub>3</sub> Analysis**

Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants. An analysis of the formation of secondary O<sub>3</sub> is necessary when emissions from a new major PSD source will exceed the PSD SERs for O<sub>3</sub> precursors (i.e., 40 tpy increases for either VOCs or NO<sub>x</sub>). If a source triggers PSD for O<sub>3</sub> based on either NO<sub>x</sub> or VOC emissions exceeding the PSD SER, then the MERP analysis must consider both NO<sub>x</sub> and VOC emissions. If required, an ozone impact analysis will be conducted following TCEQ Guidelines and USEPA guidance (USEPA, 2022).

Since ozone is formed from precursor emissions, it cannot be modeled using a traditional point source model such as AERMOD. As part of the most recent revision to the USEPA Guideline on Air Quality Modeling (40 CFR Part 51, Appendix W), USEPA promulgated a two-tier approach for addressing single-source impacts on ozone:

- Tier 1 – The first tier involves use of appropriate and technically credible relationships between emissions and ambient impacts developed from existing modeling studies deemed sufficient for evaluating a project's impact. USEPA has developed MERPs as a Tier 1 demonstration tool for ozone.
- Tier 2 – The second tier involves a more sophisticated case-by-case application of chemical transport modeling.

The assessment of ozone formation from the Project's precursor emissions will first be conducted using USEPA's Tier 1 demonstration tool for estimating single-source secondary impacts, USEPA MERPs. In TCEQ's Modeling Guidance, modeled impacts from hypothetical industrial sources located in Texas are presented for use in a MERP analysis, as obtained from USEPA's MERP guidance. Tables Q-2 and Q-3 of TCEQ's Modeling Guidance lists hypothetical MERP values from all of the hypothetical industrial sources located in Texas. If Tier 1 analysis does not demonstrate compliance, TCEQ will be consulted to discuss a Tier 2 analysis.

### **7.2.3 Area of Significant Impact (AOI) Analysis**

A preliminary impact determination is conducted to determine if the predicted off-property concentrations associated with the proposed increase in PSD-significant emissions are greater than the USEPA's SILs. No further modeling is required to

demonstrate compliance if the maximum predicted concentration is below the SIL. If the maximum predicted concentration is equal to or greater than the SIL, all on-site sources must be included in a full impact modeling analysis. Contributions from off-site sources that may impact the AOI are accounted for using ambient air monitoring data or by direct inclusion in the full impact modeling analysis. The AOI is defined as all locations with predicted concentrations that are equal to or greater than the established SILs. An ambient background concentration is added to the full impact modeling results to complete the NAAQS demonstration.

Preliminary impact determination modeling will be conducted for PSD-significant emissions of CO, NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and SO<sub>2</sub> to determine whether a full impact modeling analysis is required for each pollutant and averaging period. The modeling results will be used to determine whether the predicted concentrations are greater than the SIL for each pollutant and averaging period.

#### **7.2.4 PSD Analysis**

For PSD analyses, a preliminary impact determination is conducted to determine if the predicted off-property concentrations associated with the proposed increase in PSD-significant emissions are greater than the USEPA's SMCs. If the maximum predicted concentration is less than the SMC, the demonstration is complete and no preconstruction ambient air quality monitoring is required. If the maximum concentration is greater than the SMC, representative monitoring background concentrations are collected to establish the existing air quality for the area.

Preliminary impact determination modeling will be conducted for PSD-significant emissions of CO, NO<sub>2</sub>, PM<sub>10</sub>, and SO<sub>2</sub> for comparison with the SMCs. A preliminary impact determination will not be conducted for PM<sub>2.5</sub>. Representative monitoring background PM<sub>2.5</sub> concentrations are collected to establish the existing air quality for the area.

### **7.3 Modeling Approach – Full Impact Analysis**

Full impact modeling analyses will be conducted for comparison with the NAAQS and PSD increment consumption limits for pollutants and averaging periods with preliminary impacts equal to or greater than the SIL. These modeling analyses that may be conducted are described in the sections below.

### **7.3.1 NAAQS Analysis**

NAAQS have been established for CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Compliance with the NAAQS must be demonstrated for sources with PSD-significant emissions. As discussed in Section 2.1, PSD applies to the proposed emissions of CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. If impacts exceed SIL, a NAAQS analysis will be performed for requisite pollutants and averaging periods.

### **7.3.2 PSD Increment Consumption Analysis**

PSD increment consumption limits currently exist for NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Compliance with the PSD increment consumption limits must be demonstrated for sources with PSD-significant emissions. As discussed in Section 2.1, PSD applies to the proposed emissions of NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>.

A preliminary impacts determination will first be conducted using project-related emissions to determine if a detailed PSD increment consumption analysis is required. A full impact analysis will then be performed for applicable emissions for comparison to the PSD increment consumption limits. This analysis will include PSD increment-consuming emissions from project sources and from existing and proposed PSD increment-consuming emission sources affecting the project's impact area, as listed in the TCEQ APAD inventory system and provided in the TCEQ permit file system.

## Section 8

# Selection of Dispersion Option

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A determination of the albedo, Bowen ratio, and surface roughness length of the modeling domain must be made before an atmospheric dispersion model can be run. The TCEQ has determined the albedo values and Bowen ratios for each county in Texas. In order to maintain consistency in the modeling of all proposed projects in Texas, the TCEQ has created pre-processed meteorological data sets for the three general roughness lengths that cover each county in Texas. The modeling method preferred by the TCEQ is to choose one of these three roughness lengths based on a review of the modeling domain.

TCEQ modeling staff has provided *Air Dispersion Modeling Team Initiative to Update Meteorological Data, November 2022* as a reference in determining the appropriate roughness length for meteorological data set selection. Following this guidance, the USEPA's AERSURFACE tool was utilized to determine the surface roughness length for this project. A surface roughness of 0.075 meters was obtained for the project location, as shown below on Table 8-1. This is within the 0.001 to 0.1 range stated in the referenced TCEQ AERMOD Training document for Category 1 for the TCEQ's "low surface roughness" meteorological dataset. Therefore, the "low surface roughness" meteorological data set will be utilized in the modeling analysis. AERSURFACE files input and output files have been included in the electronic files submitted to the TCEQ.

**Table 8-1**      **Summary of AERSURFACE Inputs and Outputs**

|                                        |              |
|----------------------------------------|--------------|
| AERSURFACE Version Number:             | 24142        |
| Center UTM Easting (m):                | 265774       |
| Center UTM Northing (m):               | 3907506      |
| NLCD Land Cover (year)                 | 2021         |
| NLCD Impervious Surface (year)         | 2021         |
| NLCD Tree Canopy (year)                | 2021         |
| Study Radius (km)                      | 1            |
| Airport?                               | No           |
| Continuous Snow Cover                  | No           |
| Surface Moisture                       | Average      |
| Arid Region?                           | No           |
| Month/Season Assignment                | Default      |
| Surface Roughness Length [ $Z_0$ ] (m) | <b>0.075</b> |

## Section 9

# Building Wake Effects

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Building downwash effects will be included in the modeling based on guidance provided in the USEPA's *User's Guide to the Building Profile Input Program, USEPA-454/R-93-038, October 1993 (Revised April 12, 2004)*. The USEPA currently requires that all building downwash be determined using the USEPA Building Profile Input Program (BPIP-PRM) subroutine. Providence/Oris 's "BEE-Line BEEST for Windows" will be used for calculating downwash parameters for this analysis. This program includes downwash software which uses the latest BPIP-PRM subroutine (Version 04274) in its calculations.

Information regarding the project structures will be entered into the BPIP-based software program. The downwash parameter values will be calculated for each point source by the software program and inserted into the AERMOD input files in the appropriate locations and formats.

Tables listing the building and tank downwash structures used in the modeling will be included in the AQA.

## Section 10

# Receptor Grids

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The receptor grids used in the preliminary and full impacts analyses will follow the guidelines provided by the TCEQ in their AQMG. The NAD83 datum will be used for the receptor UTM coordinates. Providence/ORIS's "BEE-Line BEEST for Windows" will be used to calculate the appropriate domain boundaries. The USEPA AERMAP program (Version 24142) will be used to calculate (interpolate) the terrain elevations and local terrain maximums.

The receptor coverage utilized for the impact analyses will consist of the following:

- 25-meter spaced receptors along the fence line to a distance of 300 meters;
- 100-meter spaced receptors to a distance of one kilometer from the fence line;
- 500-meter spaced receptors to a distance of five kilometers from the fence line; and
- 1,000-meter spaced receptors to a distance up to 50 kilometers to ensure that (1) the maximum predicted concentration is located, (2) all locations with predicted concentrations greater than the SILs were identified and (3) that concentration gradients associated with the project related emissions clearly decrease in magnitude outside of the AOIs.

The receptor grids will be designed to capture the maximum off-property ground-level concentrations for all pollutants, operating scenarios, and review types.

# Section 11

## Meteorological Data

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The air dispersion modeling for the Project will be performed using AERMOD-ready meteorological data for Carson County made available and approved through the TCEQ.

A summary of relevant information regarding the meteorological data selection is provided on Table 11-1 below.

**Table 11-1      Summary of Meteorological Data Selection**

|                                                     |                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------|
| Surface Station ID:                                 | 23047 – AMA                                                                  |
| Upper Air Station ID:                               | 23047 – AMA                                                                  |
| Profile Base Elevation, (m):                        | 1,098                                                                        |
| AERMET Version Number:                              | 22112                                                                        |
| Was TCEQ pre-processed data used?                   | Yes                                                                          |
| TCEQ pre-processed data surface roughness category: | Low                                                                          |
| Data Set Used for 1 Year Analyses:                  | 2020                                                                         |
| Data Sets Used for 5 Years Analyses:                | 2017, 2018, 2019, 2020, 2021                                                 |
| Which analyses relied on 1 year?                    | State Property Line;<br>State Health Effects                                 |
| Which analyses relied on 5 years?                   | NO <sub>2</sub> , CO, SO <sub>2</sub> , PM <sub>10</sub> , PM <sub>2.5</sub> |

Pre-processed meteorological data consisted of surface data and upper air data from the Amarillo International Airport (Surface ID AMA; NWS Station Number 23047)). The TCEQ processed the data using AERMET (Version 22112) and incorporated AERMINUTE data along with a low wind speed threshold of 0.5 m/s. More details regarding the pre-processed meteorological data are available on the TCEQ website.

The most recent five years of representative meteorological data (2017, 2018, 2019, 2020 and 2021) available from the TCEQ will be utilized in the NAAQS and PSD increment analyses. For the state property line and state health effects analysis modeling, a single year of representative meteorological data (2020) will be used.

The base elevation for the Amarillo International Airport station is 1,098 meters. As discussed in Section 8, the TCEQ-developed “low” surface roughness value will be utilized.



## Section 12

# Modeling Results

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The results of the dispersion modeling that is conducted for NO<sub>2</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> to demonstrate compliance with the NAAQS and PSD increments modeling will be included in the final submittal. Copies of all modeling input and output files will be included in the electronic files submitted to the TCEQ.

## Section 13

# Class I Area Impact Analysis

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### 13.1 Class I Area Increment Analysis

Predicted concentrations of annual NO<sub>2</sub>, 3-hour SO<sub>2</sub>, 24-hour SO<sub>2</sub>, annual SO<sub>2</sub>, 24-hour PM<sub>10</sub>, annual PM<sub>10</sub>, 24-hour PM<sub>2.5</sub>, and annual PM<sub>2.5</sub> will be modeled using the AERMOD model to determine the significance of ambient impacts at or about 50 kilometers (km) from the Project site in the direction of the nearest Class I areas, which are beyond 100-km from the Project. The PM<sub>2.5</sub> model predicted impacts will include results from secondary formation of PM<sub>2.5</sub> using distance-dependent Modeled Emission Rates for Precursors (MERPs) at distances appropriate to the nearest Class I areas.

Class I screening receptors will be developed by placing a ring of receptors at or about 50 km from the Project site. Actual Class I receptors and heights for the nearest Class I areas will be obtained from the National Park Service. Screening receptors within an arc subtended by the minimum and maximum angular directions to the Class I areas will be assigned all of the heights within that Class I area in order to develop a set of representative screening receptors at or about 50 km from the Project. Visibility and Air Quality-Related Values (AQRV)

The Project is located beyond 100 km from the nearest Class I area and therefore would not require a Class I visibility and AQRV analysis. Further, with attenuation below increment significance levels at Class I area distances we would not expect adverse impacts on any Class I area including visibility impairment or adverse effects on AQRVs.

## Section 14

# State-Only Air Quality Impact Analyses

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### 14.1 TCEQ State Property Line Standard Analysis

TCEQ has implemented a state-specific procedure for evaluation of ground-level concentrations of SO<sub>2</sub>, H<sub>2</sub>S, and H<sub>2</sub>SO<sub>4</sub>. The Project will provide the TCEQ Electronic Modeling Evaluation Workbook (EMEW) demonstrating compliance with all applicable TCEQ State Property Line standards.

### 14.2 Health Effects Analysis

TCEQ has also implemented a state-specific procedure to evaluate off-property ground-level concentrations of pollutants which do not have a federal or state-level standard. These pollutants are compared against the state's ESLs, which are updated regularly to incorporate new toxicology data. The Project will follow the tiered MERA process as outlined in the TCEQ guidance (TCEQ, 2018). An EMEW has been provided in Appendix B, summarizing the proposed stack parameters and emission rates.

# **Appendix A**

## **Project Source Parameters and Emission Rates Modeled**

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| EPN      | Model ID | Description      | Easting | Northing  |
|----------|----------|------------------|---------|-----------|
|          |          |                  | m       | m         |
| CT-1     | CT_1     | Cooling Tower 1  | 262,690 | 3,908,590 |
| CT-2     | CT_2     | Cooling Tower 2  | 262,710 | 3,908,590 |
| CT-3     | CT_3     | Cooling Tower 3  | 262,730 | 3,908,590 |
| CT-4     | CT_4     | Cooling Tower 4  | 262,990 | 3,908,590 |
| CT-5     | CT_5     | Cooling Tower 5  | 263,010 | 3,908,590 |
| CT-6     | CT_6     | Cooling Tower 6  | 263,030 | 3,908,590 |
| CT-7     | CT_7     | Cooling Tower 7  | 269,120 | 3,908,600 |
| CT-8     | CT_8     | Cooling Tower 8  | 269,140 | 3,908,600 |
| CT-9     | CT_9     | Cooling Tower 9  | 269,160 | 3,908,600 |
| CT-10    | CT_10    | Cooling Tower 10 | 269,600 | 3,908,550 |
| CT-11    | CT_11    | Cooling Tower 11 | 269,620 | 3,908,550 |
| CT-12    | CT_12    | Cooling Tower 12 | 269,640 | 3,908,550 |
| CT-13    | CT_13    | Cooling Tower 13 | 270,100 | 3,908,700 |
| CT-14    | CT_14    | Cooling Tower 14 | 270,120 | 3,908,700 |
| CT-15    | CT_15    | Cooling Tower 15 | 270,140 | 3,908,700 |
| HRSGB-1  | HRSGB_1  | HRSGB-1          | 262,690 | 3,908,540 |
| HRSGB-2  | HRSGB_2  | HRSGB-2          | 262,690 | 3,908,490 |
| HRSGB-3  | HRSGB_3  | HRSGB-3          | 262,690 | 3,908,440 |
| HRSGB-4  | HRSGB_4  | HRSGB-4          | 262,690 | 3,908,390 |
| HRSGB-5  | HRSGB_5  | HRSGB-5          | 262,690 | 3,908,340 |
| HRSGB-6  | HRSGB_6  | HRSGB-6          | 262,690 | 3,908,290 |
| HRSGB-7  | HRSGB_7  | HRSGB-7          | 262,740 | 3,908,540 |
| HRSGB-8  | HRSGB_8  | HRSGB-8          | 262,740 | 3,908,490 |
| HRSGB-9  | HRSGB_9  | HRSGB-9          | 262,740 | 3,908,440 |
| HRSGB-10 | HRSGB_10 | HRSGB-10         | 262,740 | 3,908,390 |
| HRSGB-11 | HRSGB_11 | HRSGB-11         | 262,740 | 3,908,340 |
| HRSGB-12 | HRSGB_12 | HRSGB-12         | 262,740 | 3,908,290 |
| HRSGB-13 | HRSGB_13 | HRSGB-13         | 262,790 | 3,908,540 |
| HRSGB-14 | HRSGB_14 | HRSGB-14         | 262,790 | 3,908,490 |
| HRSGB-15 | HRSGB_15 | HRSGB-15         | 262,790 | 3,908,440 |
| HRSGB-16 | HRSGB_16 | HRSGB-16         | 262,790 | 3,908,390 |
| HRSGB-17 | HRSGB_17 | HRSGB-17         | 262,790 | 3,908,340 |
| HRSGB-18 | HRSGB_18 | HRSGB-18         | 262,790 | 3,908,290 |
| HRSGB-1  | HRSGB_1  | HRSGB-1          | 262,990 | 3,908,540 |
| HRSGB-2  | HRSGB_2  | HRSGB-2          | 262,990 | 3,908,490 |
| HRSGB-3  | HRSGB_3  | HRSGB-3          | 262,990 | 3,908,440 |
| HRSGB-4  | HRSGB_4  | HRSGB-4          | 262,990 | 3,908,390 |
| HRSGB-5  | HRSGB_5  | HRSGB-5          | 262,990 | 3,908,340 |
| HRSGB-6  | HRSGB_6  | HRSGB-6          | 262,990 | 3,908,290 |
| HRSGB-7  | HRSGB_7  | HRSGB-7          | 263,040 | 3,908,540 |
| HRSGB-8  | HRSGB_8  | HRSGB-8          | 263,040 | 3,908,490 |
| HRSGB-9  | HRSGB_9  | HRSGB-9          | 263,040 | 3,908,440 |
| HRSGB-10 | HRSGB_10 | HRSGB-10         | 263,040 | 3,908,390 |
| HRSGB-11 | HRSGB_11 | HRSGB-11         | 263,040 | 3,908,340 |
| HRSGB-12 | HRSGB_12 | HRSGB-12         | 263,040 | 3,908,290 |
| HRSGB-13 | HRSGB_13 | HRSGB-13         | 263,090 | 3,908,540 |
| HRSGB-14 | HRSGB_14 | HRSGB-14         | 263,090 | 3,908,490 |
| HRSGB-15 | HRSGB_15 | HRSGB-15         | 263,090 | 3,908,440 |
| HRSGB-16 | HRSGB_16 | HRSGB-16         | 263,090 | 3,908,390 |
| HRSGB-17 | HRSGB_17 | HRSGB-17         | 263,090 | 3,908,340 |
| HRSGB-18 | HRSGB_18 | HRSGB-18         | 263,090 | 3,908,290 |
| HRSGB-1  | HRSGB_1  | HRSGB-1          | 269,120 | 3,908,500 |
| HRSGB-2  | HRSGB_2  | HRSGB-2          | 269,120 | 3,908,450 |
| HRSGB-3  | HRSGB_3  | HRSGB-3          | 269,120 | 3,908,400 |
| HRSGB-4  | HRSGB_4  | HRSGB-4          | 269,120 | 3,908,350 |
| HRSGB-5  | HRSGB_5  | HRSGB-5          | 269,120 | 3,908,300 |
| HRSGB-6  | HRSGB_6  | HRSGB-6          | 269,120 | 3,908,250 |
| HRSGB-7  | HRSGB_7  | HRSGB-7          | 269,170 | 3,908,500 |
| HRSGB-8  | HRSGB_8  | HRSGB-8          | 269,170 | 3,908,450 |
| HRSGB-9  | HRSGB_9  | HRSGB-9          | 269,170 | 3,908,400 |
| HRSGB-10 | HRSGB_10 | HRSGB-10         | 269,170 | 3,908,350 |
| HRSGB-11 | HRSGB_11 | HRSGB-11         | 269,170 | 3,908,300 |
| HRSGB-12 | HRSGB_12 | HRSGB-12         | 269,170 | 3,908,250 |
| HRSGB-13 | HRSGB_13 | HRSGB-13         | 269,220 | 3,908,500 |
| HRSGB-14 | HRSGB_14 | HRSGB-14         | 269,220 | 3,908,450 |
| HRSGB-15 | HRSGB_15 | HRSGB-15         | 269,220 | 3,908,400 |

| EPN      | Model ID | Description      | Easting | Northing  |
|----------|----------|------------------|---------|-----------|
|          |          |                  | m       | m         |
| HRSGC-16 | HRSGC_16 | HRSGC-16         | 269,220 | 3,908,350 |
| HRSGC-17 | HRSGC_17 | HRSGC-17         | 269,220 | 3,908,300 |
| HRSGC-18 | HRSGC_18 | HRSGC-18         | 269,220 | 3,908,250 |
| HRSGD-1  | HRSGD_1  | HRSGD-1          | 269,600 | 3,908,450 |
| HRSGD-2  | HRSGD_2  | HRSGD-2          | 269,650 | 3,908,450 |
| HRSGD-3  | HRSGD_3  | HRSGD-3          | 269,700 | 3,908,450 |
| HRSGD-4  | HRSGD_4  | HRSGD-4          | 269,750 | 3,908,450 |
| HRSGD-5  | HRSGD_5  | HRSGD-5          | 269,800 | 3,908,450 |
| HRSGD-6  | HRSGD_6  | HRSGD-6          | 269,850 | 3,908,450 |
| HRSGD-7  | HRSGD_7  | HRSGD-7          | 269,600 | 3,908,400 |
| HRSGD-8  | HRSGD_8  | HRSGD-8          | 269,650 | 3,908,400 |
| HRSGD-9  | HRSGD_9  | HRSGD-9          | 269,700 | 3,908,400 |
| HRSGD-10 | HRSGD_10 | HRSGD-10         | 269,750 | 3,908,400 |
| HRSGD-11 | HRSGD_11 | HRSGD-11         | 269,800 | 3,908,400 |
| HRSGD-12 | HRSGD_12 | HRSGD-12         | 269,850 | 3,908,400 |
| HRSGD-13 | HRSGD_13 | HRSGD-13         | 269,600 | 3,908,350 |
| HRSGD-14 | HRSGD_14 | HRSGD-14         | 269,650 | 3,908,350 |
| HRSGD-15 | HRSGD_15 | HRSGD-15         | 269,700 | 3,908,350 |
| HRSGD-16 | HRSGD_16 | HRSGD-16         | 269,750 | 3,908,350 |
| HRSGD-17 | HRSGD_17 | HRSGD-17         | 269,800 | 3,908,350 |
| HRSGD-18 | HRSGD_18 | HRSGD-18         | 269,850 | 3,908,350 |
| HRSGE-1  | HRSGE_1  | HRSGE-1          | 270,100 | 3,908,600 |
| HRSGE-2  | HRSGE_2  | HRSGE-2          | 270,150 | 3,908,600 |
| HRSGE-3  | HRSGE_3  | HRSGE-3          | 270,200 | 3,908,600 |
| HRSGE-4  | HRSGE_4  | HRSGE-4          | 270,250 | 3,908,600 |
| HRSGE-5  | HRSGE_5  | HRSGE-5          | 270,300 | 3,908,600 |
| HRSGE-6  | HRSGE_6  | HRSGE-6          | 270,350 | 3,908,600 |
| HRSGE-7  | HRSGE_7  | HRSGE-7          | 270,100 | 3,908,550 |
| HRSGE-8  | HRSGE_8  | HRSGE-8          | 270,150 | 3,908,550 |
| HRSGE-9  | HRSGE_9  | HRSGE-9          | 270,200 | 3,908,550 |
| HRSGE-10 | HRSGE_10 | HRSGE-10         | 270,250 | 3,908,550 |
| HRSGE-11 | HRSGE_11 | HRSGE-11         | 270,300 | 3,908,550 |
| HRSGE-12 | HRSGE_12 | HRSGE-12         | 270,350 | 3,908,550 |
| HRSGE-13 | HRSGE_13 | HRSGE-13         | 270,100 | 3,908,500 |
| HRSGE-14 | HRSGE_14 | HRSGE-14         | 270,150 | 3,908,500 |
| HRSGE-15 | HRSGE_15 | HRSGE-15         | 270,200 | 3,908,500 |
| HRSGE-16 | HRSGE_16 | HRSGE-16         | 270,250 | 3,908,500 |
| HRSGE-17 | HRSGE_17 | HRSGE-17         | 270,300 | 3,908,500 |
| HRSGE-18 | HRSGE_18 | HRSGE-18         | 270,350 | 3,908,500 |
| LOV1     | LOV1     | Lube Oil Vent 1  | 262,695 | 3,908,540 |
| LOV2     | LOV2     | Lube Oil Vent 2  | 262,695 | 3,908,490 |
| LOV3     | LOV3     | Lube Oil Vent 3  | 262,695 | 3,908,440 |
| LOV4     | LOV4     | Lube Oil Vent 4  | 262,695 | 3,908,390 |
| LOV5     | LOV5     | Lube Oil Vent 5  | 262,695 | 3,908,340 |
| LOV6     | LOV6     | Lube Oil Vent 6  | 262,695 | 3,908,290 |
| LOV7     | LOV7     | Lube Oil Vent 7  | 262,745 | 3,908,540 |
| LOV8     | LOV8     | Lube Oil Vent 8  | 262,745 | 3,908,490 |
| LOV9     | LOV9     | Lube Oil Vent 9  | 262,745 | 3,908,440 |
| LOV10    | LOV10    | Lube Oil Vent 10 | 262,745 | 3,908,390 |
| LOV11    | LOV11    | Lube Oil Vent 11 | 262,745 | 3,908,340 |
| LOV12    | LOV12    | Lube Oil Vent 12 | 262,745 | 3,908,290 |
| LOV13    | LOV13    | Lube Oil Vent 13 | 262,795 | 3,908,540 |
| LOV14    | LOV14    | Lube Oil Vent 14 | 262,795 | 3,908,490 |
| LOV15    | LOV15    | Lube Oil Vent 15 | 262,795 | 3,908,440 |
| LOV16    | LOV16    | Lube Oil Vent 16 | 262,795 | 3,908,390 |
| LOV17    | LOV17    | Lube Oil Vent 17 | 262,795 | 3,908,340 |
| LOV18    | LOV18    | Lube Oil Vent 18 | 262,795 | 3,908,290 |
| LOV19    | LOV19    | Lube Oil Vent 19 | 262,995 | 3,908,540 |
| LOV20    | LOV20    | Lube Oil Vent 20 | 262,995 | 3,908,490 |
| LOV21    | LOV21    | Lube Oil Vent 21 | 262,995 | 3,908,440 |
| LOV22    | LOV22    | Lube Oil Vent 22 | 262,995 | 3,908,390 |
| LOV23    | LOV23    | Lube Oil Vent 23 | 262,995 | 3,908,340 |
| LOV24    | LOV24    | Lube Oil Vent 24 | 262,995 | 3,908,290 |
| LOV25    | LOV25    | Lube Oil Vent 25 | 263,045 | 3,908,540 |
| LOV26    | LOV26    | Lube Oil Vent 26 | 263,045 | 3,908,490 |
| LOV27    | LOV27    | Lube Oil Vent 27 | 263,045 | 3,908,440 |

| EPN    | Model ID | Description               | Easting | Northing  |
|--------|----------|---------------------------|---------|-----------|
|        |          |                           | m       | m         |
| LOV28  | LOV28    | Lube Oil Vent 28          | 263,045 | 3,908,390 |
| LOV29  | LOV29    | Lube Oil Vent 29          | 263,045 | 3,908,340 |
| LOV30  | LOV30    | Lube Oil Vent 30          | 263,045 | 3,908,290 |
| LOV31  | LOV31    | Lube Oil Vent 31          | 263,095 | 3,908,540 |
| LOV32  | LOV32    | Lube Oil Vent 32          | 263,095 | 3,908,490 |
| LOV33  | LOV33    | Lube Oil Vent 33          | 263,095 | 3,908,440 |
| LOV34  | LOV34    | Lube Oil Vent 34          | 263,095 | 3,908,390 |
| LOV35  | LOV35    | Lube Oil Vent 35          | 263,095 | 3,908,340 |
| LOV36  | LOV36    | Lube Oil Vent 36          | 263,095 | 3,908,290 |
| LOV37  | LOV37    | Lube Oil Vent 37          | 269,125 | 3,908,500 |
| LOV38  | LOV38    | Lube Oil Vent 38          | 269,125 | 3,908,450 |
| LOV39  | LOV39    | Lube Oil Vent 39          | 269,125 | 3,908,400 |
| LOV40  | LOV40    | Lube Oil Vent 40          | 269,125 | 3,908,350 |
| LOV41  | LOV41    | Lube Oil Vent 41          | 269,125 | 3,908,300 |
| LOV42  | LOV42    | Lube Oil Vent 42          | 269,125 | 3,908,250 |
| LOV43  | LOV43    | Lube Oil Vent 43          | 269,175 | 3,908,500 |
| LOV44  | LOV44    | Lube Oil Vent 44          | 269,175 | 3,908,450 |
| LOV45  | LOV45    | Lube Oil Vent 45          | 269,175 | 3,908,400 |
| LOV46  | LOV46    | Lube Oil Vent 46          | 269,175 | 3,908,350 |
| LOV47  | LOV47    | Lube Oil Vent 47          | 269,175 | 3,908,300 |
| LOV48  | LOV48    | Lube Oil Vent 48          | 269,175 | 3,908,250 |
| LOV49  | LOV49    | Lube Oil Vent 49          | 269,225 | 3,908,500 |
| LOV50  | LOV50    | Lube Oil Vent 50          | 269,225 | 3,908,450 |
| LOV51  | LOV51    | Lube Oil Vent 51          | 269,225 | 3,908,400 |
| LOV52  | LOV52    | Lube Oil Vent 52          | 269,225 | 3,908,350 |
| LOV53  | LOV53    | Lube Oil Vent 53          | 269,225 | 3,908,300 |
| LOV54  | LOV54    | Lube Oil Vent 54          | 269,225 | 3,908,250 |
| LOV55  | LOV55    | Lube Oil Vent 55          | 269,605 | 3,908,450 |
| LOV56  | LOV56    | Lube Oil Vent 56          | 269,655 | 3,908,450 |
| LOV57  | LOV57    | Lube Oil Vent 57          | 269,705 | 3,908,450 |
| LOV58  | LOV58    | Lube Oil Vent 58          | 269,755 | 3,908,450 |
| LOV59  | LOV59    | Lube Oil Vent 59          | 269,805 | 3,908,450 |
| LOV60  | LOV60    | Lube Oil Vent 60          | 269,855 | 3,908,450 |
| LOV61  | LOV61    | Lube Oil Vent 61          | 269,605 | 3,908,400 |
| LOV62  | LOV62    | Lube Oil Vent 62          | 269,655 | 3,908,400 |
| LOV63  | LOV63    | Lube Oil Vent 63          | 269,705 | 3,908,400 |
| LOV64  | LOV64    | Lube Oil Vent 64          | 269,755 | 3,908,400 |
| LOV65  | LOV65    | Lube Oil Vent 65          | 269,805 | 3,908,400 |
| LOV66  | LOV66    | Lube Oil Vent 66          | 269,855 | 3,908,400 |
| LOV67  | LOV67    | Lube Oil Vent 67          | 269,605 | 3,908,350 |
| LOV68  | LOV68    | Lube Oil Vent 68          | 269,655 | 3,908,350 |
| LOV69  | LOV69    | Lube Oil Vent 69          | 269,705 | 3,908,350 |
| LOV70  | LOV70    | Lube Oil Vent 70          | 269,755 | 3,908,350 |
| LOV71  | LOV71    | Lube Oil Vent 71          | 269,805 | 3,908,350 |
| LOV72  | LOV72    | Lube Oil Vent 72          | 269,855 | 3,908,350 |
| LOV73  | LOV73    | Lube Oil Vent 73          | 270,105 | 3,908,600 |
| LOV74  | LOV74    | Lube Oil Vent 74          | 270,155 | 3,908,600 |
| LOV75  | LOV75    | Lube Oil Vent 75          | 270,205 | 3,908,600 |
| LOV76  | LOV76    | Lube Oil Vent 76          | 270,255 | 3,908,600 |
| LOV77  | LOV77    | Lube Oil Vent 77          | 270,305 | 3,908,600 |
| LOV78  | LOV78    | Lube Oil Vent 78          | 270,355 | 3,908,600 |
| LOV79  | LOV79    | Lube Oil Vent 79          | 270,105 | 3,908,550 |
| LOV80  | LOV80    | Lube Oil Vent 80          | 270,155 | 3,908,550 |
| LOV81  | LOV81    | Lube Oil Vent 81          | 270,205 | 3,908,550 |
| LOV82  | LOV82    | Lube Oil Vent 82          | 270,255 | 3,908,550 |
| LOV83  | LOV83    | Lube Oil Vent 83          | 270,305 | 3,908,550 |
| LOV84  | LOV84    | Lube Oil Vent 84          | 270,355 | 3,908,550 |
| LOV85  | LOV85    | Lube Oil Vent 85          | 270,105 | 3,908,500 |
| LOV86  | LOV86    | Lube Oil Vent 86          | 270,155 | 3,908,500 |
| LOV87  | LOV87    | Lube Oil Vent 87          | 270,205 | 3,908,500 |
| LOV88  | LOV88    | Lube Oil Vent 88          | 270,255 | 3,908,500 |
| LOV89  | LOV89    | Lube Oil Vent 89          | 270,305 | 3,908,500 |
| LOV90  | LOV90    | Lube Oil Vent 90          | 270,355 | 3,908,500 |
| FPUMP1 | FPUMP1   | Fire System Pump Engine 1 | 263,050 | 3,908,660 |
| FPUMP2 | FPUMP2   | Fire System Pump Engine 2 | 269,350 | 3,908,600 |
| EGEN1  | EGEN1    | Emergency Engine 1        | 263,100 | 3,908,660 |

| EPN      | Model ID | Description                                         | Easting | Northing  |
|----------|----------|-----------------------------------------------------|---------|-----------|
|          |          |                                                     | m       | m         |
| EGEN2    | EGEN2    | Emergency Engine 2                                  | 263,150 | 3,908,660 |
| EGEN3    | EGEN3    | Emergency Engine 3                                  | 269,400 | 3,908,600 |
| EGEN4    | EGEN4    | Emergency Engine 4                                  | 269,450 | 3,908,600 |
| EGEN5    | EGEN5    | Emergency Engine 5                                  | 269,500 | 3,908,600 |
| EGEN6    | EGEN6    | Emergency Engine 6                                  | 269,550 | 3,908,600 |
| ENGINE-1 | ENGINE_1 | Black Start Generator 1                             | 263,200 | 3,908,660 |
| ENGINE-2 | ENGINE_2 | Black Start Generator 2                             | 269,600 | 3,908,600 |
| NGFUG    | NGFUG    | Natural Gas Piping Fugitives                        | 269,750 | 3,908,550 |
| NH3FUG   | NH3FUG   | SCR Delivery System Fugitives                       | 269,750 | 3,908,550 |
| MSSFUG   | MSSFUG   | ILE Turbine Maintenance Activities                  | 269,750 | 3,908,550 |
| FUG-SF6  | FUG_SF6  | Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives | 269,750 | 3,908,550 |
| TNK-DSL1 | TNK_DSL1 | Diesel Tank 1                                       | 263,070 | 3,908,700 |
| TNK-DSL2 | TNK_DSL2 | Diesel Tank 2                                       | 263,170 | 3,908,700 |
| TNK-DSL3 | TNK_DSL3 | Diesel Tank 3                                       | 269,450 | 3,908,650 |
| TNK-DSL4 | TNK_DSL4 | Diesel Tank 4                                       | 269,500 | 3,908,650 |





| EPN       | Model ID  | Base Elevation | Stack Height | Exit Temp | Exit Velocity | Exit Diam | NOx (Routine) | NOx      | CO (Routine) | CO (Routine) | SO2      | SO2      |
|-----------|-----------|----------------|--------------|-----------|---------------|-----------|---------------|----------|--------------|--------------|----------|----------|
|           |           | m              | ft           | F         | fps           | ft        | 1-HR          | ANN      | 1-HR         | 8-HR         | 30-MIN   | 1-HR     |
| HRS GC-16 | HRS GC_16 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GC-17 | HRS GC_17 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GC-18 | HRS GC_18 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-1  | HRS GD_1  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-2  | HRS GD_2  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-3  | HRS GD_3  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-4  | HRS GD_4  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-5  | HRS GD_5  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-6  | HRS GD_6  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-7  | HRS GD_7  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-8  | HRS GD_8  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-9  | HRS GD_9  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-10 | HRS GD_10 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-11 | HRS GD_11 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-12 | HRS GD_12 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-13 | HRS GD_13 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-14 | HRS GD_14 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-15 | HRS GD_15 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-16 | HRS GD_16 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-17 | HRS GD_17 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-18 | HRS GD_18 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-1  | HRS GE_1  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-2  | HRS GE_2  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-3  | HRS GE_3  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-4  | HRS GE_4  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-5  | HRS GE_5  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-6  | HRS GE_6  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-7  | HRS GE_7  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-8  | HRS GE_8  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-9  | HRS GE_9  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-10 | HRS GE_10 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-11 | HRS GE_11 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-12 | HRS GE_12 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-13 | HRS GE_13 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-14 | HRS GE_14 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-15 | HRS GE_15 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-16 | HRS GE_16 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-17 | HRS GE_17 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-18 | HRS GE_18 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| LOV1      | LOV1      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV2      | LOV2      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV3      | LOV3      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV4      | LOV4      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV5      | LOV5      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV6      | LOV6      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV7      | LOV7      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV8      | LOV8      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV9      | LOV9      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV10     | LOV10     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV11     | LOV11     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV12     | LOV12     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV13     | LOV13     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV14     | LOV14     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV15     | LOV15     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV16     | LOV16     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV17     | LOV17     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV18     | LOV18     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV19     | LOV19     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV20     | LOV20     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV21     | LOV21     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV22     | LOV22     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV23     | LOV23     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV24     | LOV24     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV25     | LOV25     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV26     | LOV26     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV27     | LOV27     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |

| EPN    | Model ID | Base Elevation | Stack Height | Exit Temp | Exit Velocity | Exit Diam | NOx (Routine) | NOx      | CO (Routine) | CO (Routine) | SO2      | SO2      |
|--------|----------|----------------|--------------|-----------|---------------|-----------|---------------|----------|--------------|--------------|----------|----------|
|        |          | m              | ft           | F         | fps           | ft        | 1-HR          | ANN      | 1-HR         | 8-HR         | 30-MIN   | 1-HR     |
| LOV28  | LOV28    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV29  | LOV29    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV30  | LOV30    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV31  | LOV31    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV32  | LOV32    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV33  | LOV33    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV34  | LOV34    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV35  | LOV35    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV36  | LOV36    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV37  | LOV37    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV38  | LOV38    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV39  | LOV39    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV40  | LOV40    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV41  | LOV41    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV42  | LOV42    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV43  | LOV43    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV44  | LOV44    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV45  | LOV45    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV46  | LOV46    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV47  | LOV47    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV48  | LOV48    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV49  | LOV49    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV50  | LOV50    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV51  | LOV51    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV52  | LOV52    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV53  | LOV53    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV54  | LOV54    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV55  | LOV55    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV56  | LOV56    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV57  | LOV57    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV58  | LOV58    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV59  | LOV59    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV60  | LOV60    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV61  | LOV61    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV62  | LOV62    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV63  | LOV63    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV64  | LOV64    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV65  | LOV65    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV66  | LOV66    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV67  | LOV67    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV68  | LOV68    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV69  | LOV69    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV70  | LOV70    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV71  | LOV71    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV72  | LOV72    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV73  | LOV73    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV74  | LOV74    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV75  | LOV75    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV76  | LOV76    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV77  | LOV77    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV78  | LOV78    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV79  | LOV79    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV80  | LOV80    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV81  | LOV81    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV82  | LOV82    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV83  | LOV83    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV84  | LOV84    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV85  | LOV85    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV86  | LOV86    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV87  | LOV87    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV88  | LOV88    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV89  | LOV89    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV90  | LOV90    | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| FPUMP1 | FPUMP1   | TBD            | 10.00        | 961       | 118.84        | 0.50      | 2.63E-02      | 1.15E-01 | 2.01E+00     | 2.52E-01     | 3.75E-03 | 3.75E-03 |
| FPUMP2 | FPUMP2   | TBD            | 10.00        | 961       | 118.84        | 0.50      | 2.63E-02      | 1.15E-01 | 2.01E+00     | 2.52E-01     | 3.75E-03 | 3.75E-03 |
| EGEN1  | EGEN1    | TBD            | 26.00        | 825       | 102.30        | 2.17      | 5.40E-01      | 2.37E+00 | 2.59E+01     | 3.24E+00     | 4.82E-02 | 4.82E-02 |

| EPN      | Model ID | Base<br>Elevation | Stack<br>Height | Exit<br>Temp | Exit<br>Velocity | Exit<br>Diam | NOx<br>(Routine) | NOx      | CO<br>(Routine) | CO<br>(Routine) | SO2      | SO2      |
|----------|----------|-------------------|-----------------|--------------|------------------|--------------|------------------|----------|-----------------|-----------------|----------|----------|
|          |          | m                 | ft              | F            | fps              | ft           | 1-HR             | ANN      | 1-HR            | 8-HR            | 30-MIN   | 1-HR     |
| EGEN2    | EGEN2    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN3    | EGEN3    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN4    | EGEN4    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN5    | EGEN5    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN6    | EGEN6    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| ENGINE-1 | ENGINE_1 | TBD               | 60.00           | 704          | 92.55            | 5.25         | 3.22E-01         | 1.41E+00 | 1.54E+01        | 1.93E+00        | 2.87E-02 | 2.87E-02 |
| ENGINE-2 | ENGINE_2 | TBD               | 60.00           | 704          | 92.55            | 5.25         | 3.22E-01         | 1.41E+00 | 1.54E+01        | 1.93E+00        | 2.87E-02 | 2.87E-02 |
| NGFUG    | NGFUG    | TBD               | 0.30            |              |                  |              |                  |          |                 |                 |          |          |
| NH3FUG   | NH3FUG   | TBD               | 0.30            |              |                  |              |                  |          |                 |                 |          |          |
| MSSFUG   | MSSFUG   | TBD               | 0.30            |              |                  |              | 1.08E-02         | 9.68E-03 | 6.54E-03        | 5.89E-03        |          |          |
| FUG-SF6  | FUG_SF6  | TBD               | 0.30            |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL1 | TNK_DSL1 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL2 | TNK_DSL2 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL3 | TNK_DSL3 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL4 | TNK_DSL4 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |





| EPN    | Model ID | SO2      | SO2      | SO2      | PM10     | PM10     | PM2.5    | PM2.5    | H2S    | H2SO4      | NH3  | NH3 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|--------|------------|------|-----|
|        |          | 3-HR     | 24-HR    | ANN      | 24-HR    | ANN      | 24-HR    | ANN      | 30-MIN | 1-HR/24-HR | 1-HR | ANN |
| LOV28  | LOV28    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV29  | LOV29    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV30  | LOV30    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV31  | LOV31    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV32  | LOV32    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV33  | LOV33    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV34  | LOV34    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV35  | LOV35    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV36  | LOV36    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV37  | LOV37    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV38  | LOV38    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV39  | LOV39    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV40  | LOV40    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV41  | LOV41    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV42  | LOV42    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV43  | LOV43    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV44  | LOV44    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV45  | LOV45    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV46  | LOV46    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV47  | LOV47    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV48  | LOV48    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV49  | LOV49    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV50  | LOV50    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV51  | LOV51    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV52  | LOV52    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV53  | LOV53    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV54  | LOV54    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV55  | LOV55    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV56  | LOV56    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV57  | LOV57    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV58  | LOV58    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV59  | LOV59    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV60  | LOV60    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV61  | LOV61    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV62  | LOV62    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV63  | LOV63    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV64  | LOV64    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV65  | LOV65    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV66  | LOV66    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV67  | LOV67    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV68  | LOV68    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV69  | LOV69    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV70  | LOV70    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV71  | LOV71    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV72  | LOV72    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV73  | LOV73    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV74  | LOV74    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV75  | LOV75    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV76  | LOV76    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV77  | LOV77    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV78  | LOV78    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV79  | LOV79    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV80  | LOV80    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV81  | LOV81    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV82  | LOV82    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV83  | LOV83    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV84  | LOV84    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV85  | LOV85    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV86  | LOV86    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV87  | LOV87    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV88  | LOV88    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV89  | LOV89    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV90  | LOV90    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| FPUMP1 | FPUMP1   | 3.75E-03 | 3.75E-03 | 1.87E-04 | 4.79E-03 | 5.75E-03 | 4.79E-03 | 5.75E-03 |        |            |      |     |
| FPUMP2 | FPUMP2   | 3.75E-03 | 3.75E-03 | 1.87E-04 | 4.79E-03 | 5.75E-03 | 4.79E-03 | 5.75E-03 |        |            |      |     |
| EGEN1  | EGEN1    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |        |            |      |     |

| EPN      | Model ID | SO2      | SO2      | SO2      | PM10     | PM10     | PM2.5    | PM2.5    | H2S      | H2SO4      | NH3      | NH3      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------|
|          |          | 3-HR     | 24-HR    | ANN      | 24-HR    | ANN      | 24-HR    | ANN      | 30-MIN   | 1-HR/24-HR | 1-HR     | ANN      |
| EGEN2    | EGEN2    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN3    | EGEN3    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN4    | EGEN4    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN5    | EGEN5    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN6    | EGEN6    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| ENGINE-1 | ENGINE_1 | 2.87E-02 | 2.87E-02 | 1.44E-03 | 3.67E-02 | 4.41E-02 | 3.67E-02 | 4.41E-02 |          |            |          |          |
| ENGINE-2 | ENGINE_2 | 2.87E-02 | 2.87E-02 | 1.44E-03 | 3.67E-02 | 4.41E-02 | 3.67E-02 | 4.41E-02 |          |            |          |          |
| NGFUG    | NGFUG    |          |          |          |          |          |          |          | 5.71E-05 |            |          |          |
| NH3FUG   | NH3FUG   |          |          |          |          |          |          |          |          |            | 2.13E-02 | 9.32E-02 |
| MSSFUG   | MSSFUG   |          |          |          | 1.85E-01 | 5.56E-04 | 2.81E-02 | 8.42E-05 | 1.19E-02 |            | 3.26E-01 | 4.38E-03 |
| FUG-SF6  | FUG_SF6  |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL1 | TNK_DSL1 |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL2 | TNK_DSL2 |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL3 | TNK_DSL3 |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL4 | TNK_DSL4 |          |          |          |          |          |          |          |          |            |          |          |



| EPN      | Model ID | LUBEOIL | LUBEOIL | EGME | EGME | ETHYOX | ETHYOX | DIESEL | DIESEL |
|----------|----------|---------|---------|------|------|--------|--------|--------|--------|
|          |          | 1-HR    | ANN     | 1-HR | ANN  | 1-HR   | ANN    | 1-HR   | ANN    |
| CT-1     | CT_1     |         |         |      |      |        |        |        |        |
| CT-2     | CT_2     |         |         |      |      |        |        |        |        |
| CT-3     | CT_3     |         |         |      |      |        |        |        |        |
| CT-4     | CT_4     |         |         |      |      |        |        |        |        |
| CT-5     | CT_5     |         |         |      |      |        |        |        |        |
| CT-6     | CT_6     |         |         |      |      |        |        |        |        |
| CT-7     | CT_7     |         |         |      |      |        |        |        |        |
| CT-8     | CT_8     |         |         |      |      |        |        |        |        |
| CT-9     | CT_9     |         |         |      |      |        |        |        |        |
| CT-10    | CT_10    |         |         |      |      |        |        |        |        |
| CT-11    | CT_11    |         |         |      |      |        |        |        |        |
| CT-12    | CT_12    |         |         |      |      |        |        |        |        |
| CT-13    | CT_13    |         |         |      |      |        |        |        |        |
| CT-14    | CT_14    |         |         |      |      |        |        |        |        |
| CT-15    | CT_15    |         |         |      |      |        |        |        |        |
| HRSGA-1  | HRSGA_1  |         |         |      |      |        |        |        |        |
| HRSGA-2  | HRSGA_2  |         |         |      |      |        |        |        |        |
| HRSGA-3  | HRSGA_3  |         |         |      |      |        |        |        |        |
| HRSGA-4  | HRSGA_4  |         |         |      |      |        |        |        |        |
| HRSGA-5  | HRSGA_5  |         |         |      |      |        |        |        |        |
| HRSGA-6  | HRSGA_6  |         |         |      |      |        |        |        |        |
| HRSGA-7  | HRSGA_7  |         |         |      |      |        |        |        |        |
| HRSGA-8  | HRSGA_8  |         |         |      |      |        |        |        |        |
| HRSGA-9  | HRSGA_9  |         |         |      |      |        |        |        |        |
| HRSGA-10 | HRSGA_10 |         |         |      |      |        |        |        |        |
| HRSGA-11 | HRSGA_11 |         |         |      |      |        |        |        |        |
| HRSGA-12 | HRSGA_12 |         |         |      |      |        |        |        |        |
| HRSGA-13 | HRSGA_13 |         |         |      |      |        |        |        |        |
| HRSGA-14 | HRSGA_14 |         |         |      |      |        |        |        |        |
| HRSGA-15 | HRSGA_15 |         |         |      |      |        |        |        |        |
| HRSGA-16 | HRSGA_16 |         |         |      |      |        |        |        |        |
| HRSGA-17 | HRSGA_17 |         |         |      |      |        |        |        |        |
| HRSGA-18 | HRSGA_18 |         |         |      |      |        |        |        |        |
| HRSGB-1  | HRSGB_1  |         |         |      |      |        |        |        |        |
| HRSGB-2  | HRSGB_2  |         |         |      |      |        |        |        |        |
| HRSGB-3  | HRSGB_3  |         |         |      |      |        |        |        |        |
| HRSGB-4  | HRSGB_4  |         |         |      |      |        |        |        |        |
| HRSGB-5  | HRSGB_5  |         |         |      |      |        |        |        |        |
| HRSGB-6  | HRSGB_6  |         |         |      |      |        |        |        |        |
| HRSGB-7  | HRSGB_7  |         |         |      |      |        |        |        |        |
| HRSGB-8  | HRSGB_8  |         |         |      |      |        |        |        |        |
| HRSGB-9  | HRSGB_9  |         |         |      |      |        |        |        |        |
| HRSGB-10 | HRSGB_10 |         |         |      |      |        |        |        |        |
| HRSGB-11 | HRSGB_11 |         |         |      |      |        |        |        |        |
| HRSGB-12 | HRSGB_12 |         |         |      |      |        |        |        |        |
| HRSGB-13 | HRSGB_13 |         |         |      |      |        |        |        |        |
| HRSGB-14 | HRSGB_14 |         |         |      |      |        |        |        |        |
| HRSGB-15 | HRSGB_15 |         |         |      |      |        |        |        |        |
| HRSGB-16 | HRSGB_16 |         |         |      |      |        |        |        |        |
| HRSGB-17 | HRSGB_17 |         |         |      |      |        |        |        |        |
| HRSGB-18 | HRSGB_18 |         |         |      |      |        |        |        |        |
| HRSGC-1  | HRSGC_1  |         |         |      |      |        |        |        |        |
| HRSGC-2  | HRSGC_2  |         |         |      |      |        |        |        |        |
| HRSGC-3  | HRSGC_3  |         |         |      |      |        |        |        |        |
| HRSGC-4  | HRSGC_4  |         |         |      |      |        |        |        |        |
| HRSGC-5  | HRSGC_5  |         |         |      |      |        |        |        |        |
| HRSGC-6  | HRSGC_6  |         |         |      |      |        |        |        |        |
| HRSGC-7  | HRSGC_7  |         |         |      |      |        |        |        |        |
| HRSGC-8  | HRSGC_8  |         |         |      |      |        |        |        |        |
| HRSGC-9  | HRSGC_9  |         |         |      |      |        |        |        |        |
| HRSGC-10 | HRSGC_10 |         |         |      |      |        |        |        |        |
| HRSGC-11 | HRSGC_11 |         |         |      |      |        |        |        |        |
| HRSGC-12 | HRSGC_12 |         |         |      |      |        |        |        |        |
| HRSGC-13 | HRSGC_13 |         |         |      |      |        |        |        |        |
| HRSGC-14 | HRSGC_14 |         |         |      |      |        |        |        |        |
| HRSGC-15 | HRSGC_15 |         |         |      |      |        |        |        |        |

| EPN       | Model ID  | LUBEOIL  | LUBEOIL  | EGME | EGME | ETHYOX | ETHYOX | DIESEL | DIESEL |
|-----------|-----------|----------|----------|------|------|--------|--------|--------|--------|
|           |           | 1-HR     | ANN      | 1-HR | ANN  | 1-HR   | ANN    | 1-HR   | ANN    |
| HRS GC-16 | HRS GC_16 |          |          |      |      |        |        |        |        |
| HRS GC-17 | HRS GC_17 |          |          |      |      |        |        |        |        |
| HRS GC-18 | HRS GC_18 |          |          |      |      |        |        |        |        |
| HRS GD-1  | HRS GD_1  |          |          |      |      |        |        |        |        |
| HRS GD-2  | HRS GD_2  |          |          |      |      |        |        |        |        |
| HRS GD-3  | HRS GD_3  |          |          |      |      |        |        |        |        |
| HRS GD-4  | HRS GD_4  |          |          |      |      |        |        |        |        |
| HRS GD-5  | HRS GD_5  |          |          |      |      |        |        |        |        |
| HRS GD-6  | HRS GD_6  |          |          |      |      |        |        |        |        |
| HRS GD-7  | HRS GD_7  |          |          |      |      |        |        |        |        |
| HRS GD-8  | HRS GD_8  |          |          |      |      |        |        |        |        |
| HRS GD-9  | HRS GD_9  |          |          |      |      |        |        |        |        |
| HRS GD-10 | HRS GD_10 |          |          |      |      |        |        |        |        |
| HRS GD-11 | HRS GD_11 |          |          |      |      |        |        |        |        |
| HRS GD-12 | HRS GD_12 |          |          |      |      |        |        |        |        |
| HRS GD-13 | HRS GD_13 |          |          |      |      |        |        |        |        |
| HRS GD-14 | HRS GD_14 |          |          |      |      |        |        |        |        |
| HRS GD-15 | HRS GD_15 |          |          |      |      |        |        |        |        |
| HRS GD-16 | HRS GD_16 |          |          |      |      |        |        |        |        |
| HRS GD-17 | HRS GD_17 |          |          |      |      |        |        |        |        |
| HRS GD-18 | HRS GD_18 |          |          |      |      |        |        |        |        |
| HRS GE-1  | HRS GE_1  |          |          |      |      |        |        |        |        |
| HRS GE-2  | HRS GE_2  |          |          |      |      |        |        |        |        |
| HRS GE-3  | HRS GE_3  |          |          |      |      |        |        |        |        |
| HRS GE-4  | HRS GE_4  |          |          |      |      |        |        |        |        |
| HRS GE-5  | HRS GE_5  |          |          |      |      |        |        |        |        |
| HRS GE-6  | HRS GE_6  |          |          |      |      |        |        |        |        |
| HRS GE-7  | HRS GE_7  |          |          |      |      |        |        |        |        |
| HRS GE-8  | HRS GE_8  |          |          |      |      |        |        |        |        |
| HRS GE-9  | HRS GE_9  |          |          |      |      |        |        |        |        |
| HRS GE-10 | HRS GE_10 |          |          |      |      |        |        |        |        |
| HRS GE-11 | HRS GE_11 |          |          |      |      |        |        |        |        |
| HRS GE-12 | HRS GE_12 |          |          |      |      |        |        |        |        |
| HRS GE-13 | HRS GE_13 |          |          |      |      |        |        |        |        |
| HRS GE-14 | HRS GE_14 |          |          |      |      |        |        |        |        |
| HRS GE-15 | HRS GE_15 |          |          |      |      |        |        |        |        |
| HRS GE-16 | HRS GE_16 |          |          |      |      |        |        |        |        |
| HRS GE-17 | HRS GE_17 |          |          |      |      |        |        |        |        |
| HRS GE-18 | HRS GE_18 |          |          |      |      |        |        |        |        |
| LOV1      | LOV1      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV2      | LOV2      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV3      | LOV3      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV4      | LOV4      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV5      | LOV5      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV6      | LOV6      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV7      | LOV7      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV8      | LOV8      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV9      | LOV9      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV10     | LOV10     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV11     | LOV11     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV12     | LOV12     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV13     | LOV13     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV14     | LOV14     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV15     | LOV15     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV16     | LOV16     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV17     | LOV17     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV18     | LOV18     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV19     | LOV19     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV20     | LOV20     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV21     | LOV21     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV22     | LOV22     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV23     | LOV23     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV24     | LOV24     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV25     | LOV25     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV26     | LOV26     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV27     | LOV27     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |

| EPN    | Model ID | LUBEOIL  | LUBEOIL  | EGME | EGME | ETHYOX | ETHYOX | DIESEL | DIESEL |
|--------|----------|----------|----------|------|------|--------|--------|--------|--------|
|        |          | 1-HR     | ANN      | 1-HR | ANN  | 1-HR   | ANN    | 1-HR   | ANN    |
| LOV28  | LOV28    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV29  | LOV29    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV30  | LOV30    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV31  | LOV31    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV32  | LOV32    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV33  | LOV33    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV34  | LOV34    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV35  | LOV35    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV36  | LOV36    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV37  | LOV37    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV38  | LOV38    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV39  | LOV39    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV40  | LOV40    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV41  | LOV41    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV42  | LOV42    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV43  | LOV43    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV44  | LOV44    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV45  | LOV45    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV46  | LOV46    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV47  | LOV47    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV48  | LOV48    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV49  | LOV49    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV50  | LOV50    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV51  | LOV51    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV52  | LOV52    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV53  | LOV53    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV54  | LOV54    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV55  | LOV55    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV56  | LOV56    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV57  | LOV57    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV58  | LOV58    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV59  | LOV59    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV60  | LOV60    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV61  | LOV61    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV62  | LOV62    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV63  | LOV63    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV64  | LOV64    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV65  | LOV65    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV66  | LOV66    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV67  | LOV67    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV68  | LOV68    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV69  | LOV69    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV70  | LOV70    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV71  | LOV71    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV72  | LOV72    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV73  | LOV73    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV74  | LOV74    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV75  | LOV75    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV76  | LOV76    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV77  | LOV77    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV78  | LOV78    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV79  | LOV79    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV80  | LOV80    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV81  | LOV81    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV82  | LOV82    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV83  | LOV83    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV84  | LOV84    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV85  | LOV85    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV86  | LOV86    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV87  | LOV87    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV88  | LOV88    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV89  | LOV89    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV90  | LOV90    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| FPUMP1 | FPUMP1   |          |          |      |      |        |        |        |        |
| FPUMP2 | FPUMP2   |          |          |      |      |        |        |        |        |
| EGEN1  | EGEN1    |          |          |      |      |        |        |        |        |

| EPN      | Model ID | LUBEOIL | LUBEOIL | EGME     | EGME     | ETHYOX   | ETHYOX   | DIESEL   | DIESEL   |
|----------|----------|---------|---------|----------|----------|----------|----------|----------|----------|
|          |          | 1-HR    | ANN     | 1-HR     | ANN      | 1-HR     | ANN      | 1-HR     | ANN      |
| EGEN2    | EGEN2    |         |         |          |          |          |          |          |          |
| EGEN3    | EGEN3    |         |         |          |          |          |          |          |          |
| EGEN4    | EGEN4    |         |         |          |          |          |          |          |          |
| EGEN5    | EGEN5    |         |         |          |          |          |          |          |          |
| EGEN6    | EGEN6    |         |         |          |          |          |          |          |          |
| ENGINE-1 | ENGINE_1 |         |         |          |          |          |          |          |          |
| ENGINE-2 | ENGINE_2 |         |         |          |          |          |          |          |          |
| NGFUG    | NGFUG    |         |         |          |          |          |          |          |          |
| NH3FUG   | NH3FUG   |         |         |          |          |          |          |          |          |
| MSSFUG   | MSSFUG   |         |         | 2.28E+00 | 4.13E-01 | 4.57E+00 | 8.27E-01 |          |          |
| FUG-SF6  | FUG_SF6  |         |         |          |          |          |          |          |          |
| TNK-DSL1 | TNK_DSL1 |         |         |          |          |          |          | 1.09E-01 | 6.29E-03 |
| TNK-DSL2 | TNK_DSL2 |         |         |          |          |          |          | 1.09E-01 | 4.90E-03 |
| TNK-DSL3 | TNK_DSL3 |         |         |          |          |          |          | 1.09E-01 | 4.90E-03 |
| TNK-DSL4 | TNK_DSL4 |         |         |          |          |          |          | 1.09E-01 | 4.90E-03 |

# Appendix B

## **TCEQ Electronic Modeling Evaluation Workbook**

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**General**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

TCEQ 20835, Version 3.0

**Purpose Statement:**

This workbook is completed by the applicant and submitted to the Texas Commission on Environmental Quality (TCEQ). This workbook is a tool available for all Minor New Source Review (NSR) projects using AERSCREEN, AERMOD, or ISC/ISCPrime for an impacts review and its use is required as of July 1, 2025. Provide the workbook with the permit application submittal for any Minor NSR project requiring a modeling impacts demonstration. Note: This workbook is only for AERSCREEN, AERMOD, or ISC/ISCPrime analyses. If SCREEN3 is relied on, the Electronic Modeling Evaluation Workbook (EMEW) for SCREEN3 should be used.

Projects for which pollutants trigger Prevention of Significant Deterioration (PSD) review should submit a protocol and not utilize this form. Note for projects that contain both PSD and Minor NSR reviews, the Minor NSR analyses should be documented in the EMEW and submitted with the PSD protocol. Alternatively, all Minor NSR analyses may be documented in the PSD protocol, in which case an EMEW is not required.

This workbook follows the guidance outlined in the Air Quality Modeling Guidelines (AQMG), APDG 6232 which can be found here:

[https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsr\\_mod\\_guidance.html](https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsr_mod_guidance.html)

Information on active TCEQ air dispersion modeling policy memos can be found here:

[https://www.tceq.texas.gov/permitting/air/memos/modeling\\_memos.html](https://www.tceq.texas.gov/permitting/air/memos/modeling_memos.html)

**General Workbook Information:**

Under Texas Government Code 559.003(a), individuals are entitled to receive and review any information collected by TCEQ about the individual by means of a form that is completed and filed with TCEQ in a paper or electronic format on the TCEQ website consistent with Texas Government Code sec., 559.003(b). The individual is also entitled to have TCEQ correct information about the individual that is incorrect.

If you have questions on how to fill out this form or about the Air Permits Division, contact us at 512-239-1250.

Accessibility Disclaimer: This workbook contains intentionally blank cells.

**Workbook Instructions:**

1. Save a copy of the workbook to your computer or desktop prior to entering data.
2. Complete all required sections leaving no blanks. Use the "tab" button or the arrow keys to move to the next available cell. Use "enter" to move down a line.
3. Fill in the workbook in order - from left to right, top to bottom, and tabs in the order they are represented. Do not skip around as this will cause errors. Use caution if changing a previously entered entry. **Note: When pasting, always use Excel's "Paste as Values" option from the right-click menu.**
4. Do not include formulas with links to other workbooks.
5. Not applicable sections of this workbook will be hidden as data is entered. For example, answering "No" to "Is downwash applicable?" will hide the sections of the workbook required only for downwash entry.
6. If the permit application is required to be submitted through State of Texas Environmental Electronic Reporting System (STEERS), the EMEW or modeling protocol (if PSD review is triggered) and any supplemental attachments (except modeling files) must be submitted as an application attachment in STEERS. All modeling files accompanying an EMEW should be submitted utilizing TCEQ Secure File Transfer Protocol (FTPS) (for initial submittal, share with [apirt@tceq.texas.gov](mailto:apirt@tceq.texas.gov)). Information accompanying an EMEW should be submitted at the same time as the application submittal. See Required Attachments and Additional Attachments (as applicable) sections below for more information on submitting supplemental information with the EMEW. Note: modeling files are highly recommended but not required for application submittal. Information on TCEQ FTPS can be found here:

<https://ftps.tceq.texas.gov/help/>

7. If printing the EMEW, follow the directions below to create a workbook header.
8. Printing the EMEW is not required for submitting to the Air Permits Division (APD); however, it might need to be printed for sending to the regional offices, local programs, and for public access if notice is required. To print the workbook, follow the instructions below. Be aware, several sheets contain large amounts of data and caution should be taken if printing, such as the Speciated Chemicals sheet and Speciated Emissions sheet.
9. Updates may be necessary throughout the review process. Updated workbooks must be submitted in electronic format to APD. For submittal to regional offices, local programs, or public places, applicant only has to print sheets that had updates. Change the headers accordingly, if applicable.

**Note:** Since this will be part of the permit application, follow the instructions in the Form PI-1 General Application on where to send copies of the EMEW and permit application. The Form PI-1 General Application can be found here:

<https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsrapp-tools.html>

**Create Headers Before Printing:**

1. Right-click one of the workbook's sheet tabs and "Select All Sheets."
2. Enter the "Page Layout View" by using the navigation ribbon's View > Workbook Views > Page Layout, or by clicking the page layout icon in the lower-right corner of Excel.
3. Add the date, company name, and permit number (if known) to the upper-right header. Note that this may take up to a minute to update the spreadsheet. Select any tab to continue working on the spreadsheet.

**Printing Tips:**

1. The default printing setup for each sheet in the workbook is set for the TCEQ preferred format. The print areas are set up to not include the instructions on each sheet.
2. Applicant has access to change all printing settings to fit their needs and printed font size. Some common options include:
  - Change what area is being printed (whole active sheet or a selection);
  - Change the orientation (portrait or landscape);
  - Change the margin size; and
  - Change the scaling (all columns on one sheet, full size, custom selection, etc.).

**Final Modeling Submittal:**

Anytime final modeling files are being submitted, the applicant should notify the following: permit reviewer assigned and permit reviewer's supervisor.

The following options are available for an applicant to provide modeling (or any other files):

1. Applicant can transfer files through a File Transfer Protocol (FTP) site:
  - a. Applicant may have their own FTP site and can share the files with TCEQ staff.
  - b. Applicants can use the TCEQ FTPS site.
2. Applicant can email files smaller than 25mb.
3. Applicant can mail or hand deliver the files on an external storage device.

Instructions for setting up an account on the TCEQ FTPS site are located at:

<https://ftps.tceq.texas.gov/help/>

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**General**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| Acknowledgement:                                                                                                                                                                                                                                                                                                                           | Select from the dropdown: | Applicant Internal Comments                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------|
| I acknowledge that I am submitting an authorized TCEQ Electronic Modeling Evaluation Workbook and any necessary attachments. Except for inputting the requested data, I have not changed the TCEQ Electronic Modeling Evaluation Workbook in any way, including but not limited to changing formulas, formatting, content, or protections. | I agree                   | All internal comments must be deleted prior to submittal. |

| Administrative Information:                                    |                                                        |
|----------------------------------------------------------------|--------------------------------------------------------|
| <b>Data Type:</b>                                              | <b>Facility Information:</b>                           |
| Project Number (6 digits):                                     |                                                        |
| Permit Number(s):                                              | TBD                                                    |
| Regulated Entity ID (9 digits):                                |                                                        |
| Facility Name:                                                 | Fermi America Project Matador                          |
| Facility Address:                                              | 15 Miles NE of Amarillo on US Hwy 60 (Hwy 60 & FM2373) |
| Facility County:                                               | Carson                                                 |
| Company Name:                                                  | Fermi Equipment Holdco, LLC                            |
| Company Contact Name:                                          | Charles Hamilton                                       |
| Company Contact Number:                                        | (806) 789-4300                                         |
| Company Contact Email:                                         | charlie.hamilton@fermiamerica.com                      |
| Modeling Company Name, as applicable:                          | TRC Environmental Corporation                          |
| Modeling Contact Name:                                         | Elizabeth Stanko                                       |
| Modeling Contact Number:                                       | (713) 244-1039                                         |
| Modeling Contact Email:                                        | estanko@trccompanies.com                               |
| New/Existing Site:                                             | New site                                               |
| Initial modeling or final modeling submittal?                  | Initial modeling                                       |
| Modeling files included with application submittal (optional)? | No                                                     |
| Modeling Date (MM/DD/YYYY or MM-DD-YYYY):                      |                                                        |
| Datum Used:                                                    | NAD 83                                                 |
| Universal Transverse Mercator (UTM) Zone:                      | 14                                                     |

| Table of Contents:                                                                                                                                                                                                     |                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Section Instructions:</b> Indicate in the Table of Contents which sections are applicable and included for this modeling demonstration. Select "X" from the dropdown if the item below is included in the workbook. |                                                  |
| <b>Sheet Title (Click to jump to specific sheet):</b>                                                                                                                                                                  | <b>Select "X" from the dropdown if included:</b> |
| <a href="#">General</a>                                                                                                                                                                                                | X                                                |
| <a href="#">Model Options</a>                                                                                                                                                                                          | X                                                |
| <a href="#">Building Downwash</a>                                                                                                                                                                                      |                                                  |
| <a href="#">Flare Source Parameters</a>                                                                                                                                                                                |                                                  |
| <a href="#">Point Source Parameters</a>                                                                                                                                                                                | X                                                |
| <a href="#">Area Source Parameters</a>                                                                                                                                                                                 |                                                  |
| <a href="#">Volume Source Calculations</a>                                                                                                                                                                             | X                                                |
| <a href="#">Volume Source Parameters</a>                                                                                                                                                                               | X                                                |
| <a href="#">Modeling Scenarios</a>                                                                                                                                                                                     | X                                                |
| <a href="#">Modeled Source Groups</a>                                                                                                                                                                                  |                                                  |
| <a href="#">Flare &amp; Point Source Emissions</a>                                                                                                                                                                     | X                                                |
| <a href="#">Area Source Emissions</a>                                                                                                                                                                                  |                                                  |
| <a href="#">Volume Source Emissions</a>                                                                                                                                                                                | X                                                |
| <a href="#">Intermittent Sources</a>                                                                                                                                                                                   |                                                  |
| <a href="#">Speciated Chemicals</a>                                                                                                                                                                                    | X                                                |
| <a href="#">Speciated Emissions</a>                                                                                                                                                                                    | X                                                |
| <a href="#">Summary of Emissions</a>                                                                                                                                                                                   | Sheet automatically generated                    |
| <a href="#">Monitor Calculations</a>                                                                                                                                                                                   |                                                  |
| <a href="#">Background Justification</a>                                                                                                                                                                               |                                                  |
| <a href="#">Secondary Formation of PM2.5</a>                                                                                                                                                                           |                                                  |
| <a href="#">NAAQS/State Property Line (SPL) Modeling Results</a>                                                                                                                                                       |                                                  |
| <a href="#">Unit Impact Multipliers</a>                                                                                                                                                                                |                                                  |
| <a href="#">Health Effects Modeling Results</a>                                                                                                                                                                        |                                                  |
| <a href="#">Modeling File Names</a>                                                                                                                                                                                    |                                                  |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### General

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| Required Attachments:                                                                                                                                                                                                                                                                                                                                                                                         |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Notes:</b><br>1. The following are attachments that must be included with any modeling analysis.<br>2. If providing the plot plan and area map with the permit application, ensure there is also a copy with the EMEW.<br>3. For larger properties or dense source areas, provide multiple zoomed-in plot plans that are legible.<br>4. All plot plans and area maps should not be marked as confidential. |                              |
| Required Attachments                                                                                                                                                                                                                                                                                                                                                                                          | Select "X" from the dropdown |
| <b>Is a Plot Plan attached?</b><br>Make sure all property/fence lines are visible and marked, all modeled sources and buildings are clearly labeled, and a north arrow and clearly marked scale are included.                                                                                                                                                                                                 | X                            |
| <b>Is an Area Map attached?</b><br>Include all property lines, annotate schools within 3,000 ft of the nearest property line, and identify all non-industrial receptors.                                                                                                                                                                                                                                      | X                            |

| Additional Attachments (as applicable):                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Notes:</b><br>1. These are a few examples of attachments that may need to be included. There may be others depending on the scope of the modeling analysis.<br>2. Information provided in the EMEW does not need to be provided or duplicated in an additional or supplemental attachment. Additional and supplemental attachments are for information that cannot fit in an EMEW.<br>3. All essential supplemental and/or additional attachments should not be marked as confidential. |                                           |
| Site Specific Processed Met Data Information                                                                                                                                                                                                                                                                                                                                                                                                                                               | Select "X" from the dropdown if included: |
| Raw data files (ASOS, surface, and upper air).                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |
| Pre-processor input and output files (AERMINUTE and AERSURFACE).                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |
| AERMET input and output files (all stages).                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |
| AERMOD/AERSCREEN ready files (surface and upper air).                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |
| Modeling Techniques and Scenarios                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Select "X" from the dropdown if included: |
| Provide all justification and discussion on modeling scenarios used for the modeling analyses. Below are examples of approaches that may be provided as justification.                                                                                                                                                                                                                                                                                                                     |                                           |
| Discussion on modeling techniques not discussed in workbook.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |
| Justification for exceedance refinements, as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |
| Discussion and images for worst-case determination, as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |
| Single Property Line Designation (SPLD), as applicable                                                                                                                                                                                                                                                                                                                                                                                                                                     | Select "X" from the dropdown if included: |
| Include the most recent agreement, order, and map defining each petitioner.                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |
| Post Processing using Unit Impact Multipliers (UIMs)                                                                                                                                                                                                                                                                                                                                                                                                                                       | Select "X" from the dropdown if included: |
| Include documentation on any calculations used with the UIMs (i.e., Step 3 of the Modeling and Effects Review Applicability [MERA] guidance).<br>It is highly recommended to provide the UIM calculations in an Excel Spreadsheet format (do not lock cells or reference local drives).                                                                                                                                                                                                    |                                           |
| Tier 3 NO <sub>2</sub> analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Select "X" from the dropdown if included: |
| If OLM, PVMRM, or GRSM are used, provide all justification and documentation on using the approach. Note the use of the Tier 3 modeling option must be approved prior to the final modeling submittal.                                                                                                                                                                                                                                                                                     |                                           |
| Description of model setup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |
| Description and justification of model options selected (i.e., NO <sub>x</sub> to NO <sub>2</sub> in-stack ratios).                                                                                                                                                                                                                                                                                                                                                                        |                                           |
| Raw monitoring data and any associated calculations in Excel spreadsheet format (do not lock cells or reference local drives).                                                                                                                                                                                                                                                                                                                                                             |                                           |
| Other Attachments                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Select "X" from the dropdown if included: |
| Replace this text with the title(s) of the additional attachment(s) being provided that are not listed above.                                                                                                                                                                                                                                                                                                                                                                              |                                           |



# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Model Options

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

#### I. Project Information

|                                                                                                                                                    |                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Project Overview:</b> Give a brief project overview. To type or insert text, double click in the cell (response limited to 2000 characters). | Project to install 15 6x1 combined cycle natural gas-fired combustion turbines as well as associated ancillary equipment. Includes 15 cooling towers, 90 lube oil vents, 2 fire pumps, 6 emergency generators, 2 black start generators, 4 diesel tanks and associated fugitive sources. |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### II. Air Dispersion Modeling Preliminary Information

**Instructions:** Fill in the information below based on the modeling setup. The selections chosen in this sheet will carry throughout the sheet and workbook. Based on selections below, only portions of the sheet and workbook will be available. Therefore, it is vital the sheet and workbook are filled out in order. Do not skip around.

For larger text boxes, double click to type or insert text.

##### A. Type of Model Used:

| Type                                     | Select "X" in all that apply |
|------------------------------------------|------------------------------|
| AERMOD                                   | X                            |
| AERSCREEN                                |                              |
| Enter in all applicable Model Version(s) | 2412                         |

##### B. Building Downwash:

| Requested Information                                                                                           | Response       |
|-----------------------------------------------------------------------------------------------------------------|----------------|
| Is building downwash applicable? Select "Yes" if a volume source will be located on or adjacent to a structure. | Choose an item |
| Enter BPIP version (AERMOD and ISCPrime only)                                                                   | 4274           |

##### C. Type of Analyses:

| Type                                                                            | Select "X" in all that apply |
|---------------------------------------------------------------------------------|------------------------------|
| Minor NSR National Ambient Air Quality Standards (NAAQS)                        |                              |
| Health Effects                                                                  | X                            |
| State Property Line                                                             | X                            |
| *PSD projects should submit a protocol or AQA report and not utilize this form. | -                            |

## Electronic Modeling Evaluation Workbook (EMEW)

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

[illegible]

**Health Effects:** Fill in the Speciated Emissions sheet with all applicable pollutants, CAS numbers, and ESLs.

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Model Options**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

|                                                                                                                                                                              |                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>E. Dispersion Options:</b>                                                                                                                                                |                                                                         |
| <b>Requested information</b>                                                                                                                                                 | <b>Response</b>                                                         |
| Select a dispersion option:                                                                                                                                                  | Rural                                                                   |
| Provide justification on the dispersion option selected above (response limited to 500 characters).                                                                          | Site is located 15 miles northeast of Amarillo, Texas, in a rural area. |
| <b>F. Determination of Surface Roughness: If AERSCREEN or AERMOD is used, fill out the section below.</b>                                                                    |                                                                         |
| <b>Requested information</b>                                                                                                                                                 | <b>Response</b>                                                         |
| Select basis for surface roughness:                                                                                                                                          | AERSURFACE                                                              |
|                                                                                                                                                                              |                                                                         |
|                                                                                                                                                                              |                                                                         |
|                                                                                                                                                                              |                                                                         |
|                                                                                                                                                                              |                                                                         |
| <b>If the applicant is using AERSURFACE, complete this section</b>                                                                                                           | <b>Response</b>                                                         |
| AERSURFACE Version Number                                                                                                                                                    | 24142                                                                   |
| Center UTM Easting (m)                                                                                                                                                       | 265774                                                                  |
| Center UTM Northing (m)                                                                                                                                                      | 3907506                                                                 |
| National Land Cover Database (NLCD) Land Cover (year)                                                                                                                        | 2021                                                                    |
| NLCD Impervious Surface (year)<br>Land Cover data should not be supplemented with Impervious Surface data only or Tree Canopy data only, or with inconsistent years of data. | 2021                                                                    |
| NLCD Tree Canopy (year)<br>Land Cover data should not be supplemented with Impervious Surface data only or Tree Canopy data only, or with inconsistent years of data.        | 2021                                                                    |
| Study Radius (km)                                                                                                                                                            | 1                                                                       |
| Airport?                                                                                                                                                                     | No                                                                      |
| Continuous Snow Cover                                                                                                                                                        | No                                                                      |
| Surface Moisture                                                                                                                                                             | Average                                                                 |
| Arid Region?                                                                                                                                                                 | No                                                                      |
| Month/Season Assignment                                                                                                                                                      | Default                                                                 |
|                                                                                                                                                                              |                                                                         |
| Surface Roughness Length [Z <sub>s</sub> ] (m)                                                                                                                               | 0.075                                                                   |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Model Options

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| G. Meteorological Data:                                                                                                                                                                      |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>If AERMOD or ISC/ISCPrime are selected, complete this section</b>                                                                                                                         | <b>Response</b>              |
| Surface Station (4-5 digits)                                                                                                                                                                 | 23047                        |
| Upper Air Station (4-5 digits)                                                                                                                                                               | 23047                        |
| Profile Base Elevation, AERMOD only (m)                                                                                                                                                      | 1098                         |
| AERMET Version Number                                                                                                                                                                        | 22112                        |
|                                                                                                                                                                                              |                              |
| Was TCEQ pre-processed data used?                                                                                                                                                            | Yes                          |
| Select the TCEQ pre-processed data surface roughness category:                                                                                                                               | <i>Choose an item</i>        |
| <b>Enter the year(s) selected for this meteorological data</b>                                                                                                                               | <b>Response</b>              |
| 1 Year (yyyy)                                                                                                                                                                                | 2021                         |
| 5 Years                                                                                                                                                                                      | 2017, 2018, 2019, 2020, 2021 |
| Which analysis(es) relied on 1 year?                                                                                                                                                         |                              |
| Which analysis(es) relied on 5 years?                                                                                                                                                        |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
| Provide any other justification for section G. Meteorological Data, as applicable (response limited to 500 characters). Additional information can be provided as an attachment to the EMEW. |                              |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Model Options

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

#### H. Receptor Grid:

For AERMOD or ISC/ISCPrime, fill in the following information on the modeled receptor grid. Note: Receptor grid resolution (tight, fine, medium, coarse) are based on recommended receptor grid spacing per the AQMG. If something outside of this is used, fully describe it below. Also, consider secondary contributions when determining significant receptors for PM<sub>2.5</sub>. See Note 2 on the Secondary Formation of PM<sub>2.5</sub> sheet for more information.

| Parameter                                                                                                                                                             | Value |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Tight Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 25 meter spacing is recommended for tight receptor spacing.)                                        | 25    |
| <b>Tight Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, tight receptor spacing could extend up to 200-300 meters from the sources being evaluated.)        | 300   |
| <b>Fine Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 100 meter spacing is recommended for fine receptor spacing.)                                         | 100   |
| <b>Fine Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, fine receptors could extend one kilometer from the sources being evaluated.)                        | 1000  |
| <b>Medium Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 500 meter spacing is recommended for medium receptor spacing, as applicable.)                      | 500   |
| <b>Medium Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, medium receptors could extend from one to five kilometers from the sources being evaluated.)      | 5000  |
| <b>Coarse Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 1 kilometer spacing is recommended for coarse receptor spacing, as applicable.)                    | 1000  |
| <b>Coarse Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, coarse receptors could extend out to 50 km, as needed.)                                           | 50000 |
| Describe any other receptor grid designs or locations of interest (e.g., significant receptors, over water, GLCni, SPLD, etc.) (response limited to 1500 characters). |       |
|                                                                                                                                                                       |       |

#### I. Terrain:

| Requested Information                                                                                                 | Response |
|-----------------------------------------------------------------------------------------------------------------------|----------|
| Select the terrain option being modeled:                                                                              | Elevated |
| AERMAP Version                                                                                                        | 24142    |
| Provide additional justification for the selected terrain option, if applicable (response limited to 500 characters). |          |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|--------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| CT-1     | CT_1     | Routine           | Cooling Tower 1    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262690.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-2     | CT_2     | Routine           | Cooling Tower 2    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262710.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-3     | CT_3     | Routine           | Cooling Tower 3    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262730.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-4     | CT_4     | Routine           | Cooling Tower 4    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262990.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-5     | CT_5     | Routine           | Cooling Tower 5    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 263010.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-6     | CT_6     | Routine           | Cooling Tower 6    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 263030.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-7     | CT_7     | Routine           | Cooling Tower 7    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269120.00      | 3908600.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-8     | CT_8     | Routine           | Cooling Tower 8    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269140.00      | 3908600.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-9     | CT_9     | Routine           | Cooling Tower 9    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269160.00      | 3908600.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-10    | CT_10    | Routine           | Cooling Tower 10   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269600.00      | 3908550.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-11    | CT_11    | Routine           | Cooling Tower 11   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269620.00      | 3908550.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-12    | CT_12    | Routine           | Cooling Tower 12   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269640.00      | 3908550.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-13    | CT_13    | Routine           | Cooling Tower 13   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 270100.00      | 3908700.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-14    | CT_14    | Routine           | Cooling Tower 14   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 270120.00      | 3908700.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-15    | CT_15    | Routine           | Cooling Tower 15   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 270140.00      | 3908700.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| HRSGA-1  | HRSGA_1  | Routine           | HRSGA-1            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-2  | HRSGA_2  | Routine           | HRSGA-2            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-3  | HRSGA_3  | Routine           | HRSGA-3            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-4  | HRSGA_4  | Routine           | HRSGA-4            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-5  | HRSGA_5  | Routine           | HRSGA-5            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-6  | HRSGA_6  | Routine           | HRSGA-6            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-7  | HRSGA_7  | Routine           | HRSGA-7            | POINT             | Turbine stack                     |                                           | 262740.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-8  | HRSGA_8  | Routine           | HRSGA-8            | POINT             | Turbine stack                     |                                           | 262740.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-9  | HRSGA_9  | Routine           | HRSGA-9            | POINT             | Turbine stack                     |                                           | 262740.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-10 | HRSGA_10 | Routine           | HRSGA-10           | POINT             | Turbine stack                     |                                           | 262740.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-11 | HRSGA_11 | Routine           | HRSGA-11           | POINT             | Turbine stack                     |                                           | 262740.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-12 | HRSGA_12 | Routine           | HRSGA-12           | POINT             | Turbine stack                     |                                           | 262740.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-13 | HRSGA_13 | Routine           | HRSGA-13           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-14 | HRSGA_14 | Routine           | HRSGA-14           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-15 | HRSGA_15 | Routine           | HRSGA-15           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-16 | HRSGA_16 | Routine           | HRSGA-16           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-17 | HRSGA_17 | Routine           | HRSGA-17           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-18 | HRSGA_18 | Routine           | HRSGA-18           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-1  | HRSGB_1  | Routine           | HRSGB-1            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-2  | HRSGB_2  | Routine           | HRSGB-2            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-3  | HRSGB_3  | Routine           | HRSGB-3            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-4  | HRSGB_4  | Routine           | HRSGB-4            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-5  | HRSGB_5  | Routine           | HRSGB-5            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-6  | HRSGB_6  | Routine           | HRSGB-6            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN     | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|---------|----------|-------------------|--------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRSGB-7 | HRSGB_7  | Routine           | HRSGB-7            | POINT             | Turbine stack              |                                           | 263040.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|--------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRSG-8   | HRSG-8   | Routine           | HRSG-8             | POINT             | Turbine stack              |                                           | 263040.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-9   | HRSG-9   | Routine           | HRSG-9             | POINT             | Turbine stack              |                                           | 263040.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-10  | HRSG-10  | Routine           | HRSG-10            | POINT             | Turbine stack              |                                           | 263040.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-11  | HRSG-11  | Routine           | HRSG-11            | POINT             | Turbine stack              |                                           | 263040.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-12  | HRSG-12  | Routine           | HRSG-12            | POINT             | Turbine stack              |                                           | 263040.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-13  | HRSG-13  | Routine           | HRSG-13            | POINT             | Turbine stack              |                                           | 263090.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-14  | HRSG-14  | Routine           | HRSG-14            | POINT             | Turbine stack              |                                           | 263090.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-15  | HRSG-15  | Routine           | HRSG-15            | POINT             | Turbine stack              |                                           | 263090.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-16  | HRSG-16  | Routine           | HRSG-16            | POINT             | Turbine stack              |                                           | 263090.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-17  | HRSG-17  | Routine           | HRSG-17            | POINT             | Turbine stack              |                                           | 263090.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-18  | HRSG-18  | Routine           | HRSG-18            | POINT             | Turbine stack              |                                           | 263090.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-1  | HRSGC-1  | Routine           | HRSGC-1            | POINT             | Turbine stack              |                                           | 269120.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-2  | HRSGC-2  | Routine           | HRSGC-2            | POINT             | Turbine stack              |                                           | 269120.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-3  | HRSGC-3  | Routine           | HRSGC-3            | POINT             | Turbine stack              |                                           | 269120.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-4  | HRSGC-4  | Routine           | HRSGC-4            | POINT             | Turbine stack              |                                           | 269120.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-5  | HRSGC-5  | Routine           | HRSGC-5            | POINT             | Turbine stack              |                                           | 269120.00      | 3908300.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-6  | HRSGC-6  | Routine           | HRSGC-6            | POINT             | Turbine stack              |                                           | 269120.00      | 3908250.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-7  | HRSGC-7  | Routine           | HRSGC-7            | POINT             | Turbine stack              |                                           | 269170.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-8  | HRSGC-8  | Routine           | HRSGC-8            | POINT             | Turbine stack              |                                           | 269170.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-9  | HRSGC-9  | Routine           | HRSGC-9            | POINT             | Turbine stack              |                                           | 269170.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-10 | HRSGC-10 | Routine           | HRSGC-10           | POINT             | Turbine stack              |                                           | 269170.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-11 | HRSGC-11 | Routine           | HRSGC-11           | POINT             | Turbine stack              |                                           | 269170.00      | 3908300.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-12 | HRSGC-12 | Routine           | HRSGC-12           | POINT             | Turbine stack              |                                           | 269170.00      | 3908250.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-13 | HRSGC-13 | Routine           | HRSGC-13           | POINT             | Turbine stack              |                                           | 269220.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-14 | HRSGC-14 | Routine           | HRSGC-14           | POINT             | Turbine stack              |                                           | 269220.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-15 | HRSGC-15 | Routine           | HRSGC-15           | POINT             | Turbine stack              |                                           | 269220.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-16 | HRSGC-16 | Routine           | HRSGC-16           | POINT             | Turbine stack              |                                           | 269220.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-17 | HRSGC-17 | Routine           | HRSGC-17           | POINT             | Turbine stack              |                                           | 269220.00      | 3908300.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-18 | HRSGC-18 | Routine           | HRSGC-18           | POINT             | Turbine stack              |                                           | 269220.00      | 3908250.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-1  | HRSGD-1  | Routine           | HRSGD-1            | POINT             | Turbine stack              |                                           | 269600.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-2  | HRSGD-2  | Routine           | HRSGD-2            | POINT             | Turbine stack              |                                           | 269650.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-3  | HRSGD-3  | Routine           | HRSGD-3            | POINT             | Turbine stack              |                                           | 269700.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-4  | HRSGD-4  | Routine           | HRSGD-4            | POINT             | Turbine stack              |                                           | 269750.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-5  | HRSGD-5  | Routine           | HRSGD-5            | POINT             | Turbine stack              |                                           | 269800.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-6  | HRSGD-6  | Routine           | HRSGD-6            | POINT             | Turbine stack              |                                           | 269850.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-7  | HRSGD-7  | Routine           | HRSGD-7            | POINT             | Turbine stack              |                                           | 269600.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-8  | HRSGD-8  | Routine           | HRSGD-8            | POINT             | Turbine stack              |                                           | 269650.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-9  | HRSGD-9  | Routine           | HRSGD-9            | POINT             | Turbine stack              |                                           | 269700.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-10 | HRSGD-10 | Routine           | HRSGD-10           | POINT             | Turbine stack              |                                           | 269750.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |



**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Point Source Parameters**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|--------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRSGD-11 | HRSGD_11 | Routine           | HRSGD-11           | POINT             | Turbine stack              |                                           | 269800.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-12 | HRSGD_12 | Routine           | HRSGD-12           | POINT             | Turbine stack              |                                           | 269850.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-13 | HRSGD_13 | Routine           | HRSGD-13           | POINT             | Turbine stack              |                                           | 269600.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-14 | HRSGD_14 | Routine           | HRSGD-14           | POINT             | Turbine stack              |                                           | 269650.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-15 | HRSGD_15 | Routine           | HRSGD-15           | POINT             | Turbine stack              |                                           | 269700.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-16 | HRSGD_16 | Routine           | HRSGD-16           | POINT             | Turbine stack              |                                           | 269750.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-17 | HRSGD_17 | Routine           | HRSGD-17           | POINT             | Turbine stack              |                                           | 269800.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN       | Model ID  | Modeling Scenario | Source Description | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|-----------|-----------|-------------------|--------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRS GD-18 | HRS GD_18 | Routine           | HRS GD-18          | POINT             | Turbine stack                     |                                           | 269850.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-1  | HRS GE_1  | Routine           | HRS GE-1           | POINT             | Turbine stack                     |                                           | 270100.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-2  | HRS GE_2  | Routine           | HRS GE-2           | POINT             | Turbine stack                     |                                           | 270150.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-3  | HRS GE_3  | Routine           | HRS GE-3           | POINT             | Turbine stack                     |                                           | 270200.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-4  | HRS GE_4  | Routine           | HRS GE-4           | POINT             | Turbine stack                     |                                           | 270250.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-5  | HRS GE_5  | Routine           | HRS GE-5           | POINT             | Turbine stack                     |                                           | 270300.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-6  | HRS GE_6  | Routine           | HRS GE-6           | POINT             | Turbine stack                     |                                           | 270350.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-7  | HRS GE_7  | Routine           | HRS GE-7           | POINT             | Turbine stack                     |                                           | 270100.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-8  | HRS GE_8  | Routine           | HRS GE-8           | POINT             | Turbine stack                     |                                           | 270150.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-9  | HRS GE_9  | Routine           | HRS GE-9           | POINT             | Turbine stack                     |                                           | 270200.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-10 | HRS GE_10 | Routine           | HRS GE-10          | POINT             | Turbine stack                     |                                           | 270250.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-11 | HRS GE_11 | Routine           | HRS GE-11          | POINT             | Turbine stack                     |                                           | 270300.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-12 | HRS GE_12 | Routine           | HRS GE-12          | POINT             | Turbine stack                     |                                           | 270350.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-13 | HRS GE_13 | Routine           | HRS GE-13          | POINT             | Turbine stack                     |                                           | 270100.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-14 | HRS GE_14 | Routine           | HRS GE-14          | POINT             | Turbine stack                     |                                           | 270150.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-15 | HRS GE_15 | Routine           | HRS GE-15          | POINT             | Turbine stack                     |                                           | 270200.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-16 | HRS GE_16 | Routine           | HRS GE-16          | POINT             | Turbine stack                     |                                           | 270250.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-17 | HRS GE_17 | Routine           | HRS GE-17          | POINT             | Turbine stack                     |                                           | 270300.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-18 | HRS GE_18 | Routine           | HRS GE-18          | POINT             | Turbine stack                     |                                           | 270350.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| LOV1      | LOV1      | Routine           | Lube Oil Vent 1    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV2      | LOV2      | Routine           | Lube Oil Vent 2    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV3      | LOV3      | Routine           | Lube Oil Vent 3    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV4      | LOV4      | Routine           | Lube Oil Vent 4    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV5      | LOV5      | Routine           | Lube Oil Vent 5    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV6      | LOV6      | Routine           | Lube Oil Vent 6    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV7      | LOV7      | Routine           | Lube Oil Vent 7    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV8      | LOV8      | Routine           | Lube Oil Vent 8    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV9      | LOV9      | Routine           | Lube Oil Vent 9    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV10     | LOV10     | Routine           | Lube Oil Vent 10   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV11     | LOV11     | Routine           | Lube Oil Vent 11   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV12     | LOV12     | Routine           | Lube Oil Vent 12   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV13     | LOV13     | Routine           | Lube Oil Vent 13   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV14     | LOV14     | Routine           | Lube Oil Vent 14   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV15     | LOV15     | Routine           | Lube Oil Vent 15   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV16     | LOV16     | Routine           | Lube Oil Vent 16   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV17     | LOV17     | Routine           | Lube Oil Vent 17   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV18     | LOV18     | Routine           | Lube Oil Vent 18   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV19     | LOV19     | Routine           | Lube Oil Vent 19   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV20     | LOV20     | Routine           | Lube Oil Vent 20   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN   | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|-------|----------|-------------------|--------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| LOV21 | LOV21    | Routine           | Lube Oil Vent 21   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV22 | LOV22    | Routine           | Lube Oil Vent 22   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV23 | LOV23    | Routine           | Lube Oil Vent 23   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV24 | LOV24    | Routine           | Lube Oil Vent 24   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV25 | LOV25    | Routine           | Lube Oil Vent 25   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV26 | LOV26    | Routine           | Lube Oil Vent 26   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV27 | LOV27    | Routine           | Lube Oil Vent 27   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV28 | LOV28    | Routine           | Lube Oil Vent 28   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV29 | LOV29    | Routine           | Lube Oil Vent 29   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV30 | LOV30    | Routine           | Lube Oil Vent 30   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV31 | LOV31    | Routine           | Lube Oil Vent 31   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV32 | LOV32    | Routine           | Lube Oil Vent 32   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV33 | LOV33    | Routine           | Lube Oil Vent 33   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV34 | LOV34    | Routine           | Lube Oil Vent 34   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV35 | LOV35    | Routine           | Lube Oil Vent 35   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV36 | LOV36    | Routine           | Lube Oil Vent 36   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV37 | LOV37    | Routine           | Lube Oil Vent 37   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV38 | LOV38    | Routine           | Lube Oil Vent 38   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV39 | LOV39    | Routine           | Lube Oil Vent 39   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV40 | LOV40    | Routine           | Lube Oil Vent 40   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV41 | LOV41    | Routine           | Lube Oil Vent 41   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908300.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV42 | LOV42    | Routine           | Lube Oil Vent 42   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908250.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV43 | LOV43    | Routine           | Lube Oil Vent 43   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV44 | LOV44    | Routine           | Lube Oil Vent 44   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV45 | LOV45    | Routine           | Lube Oil Vent 45   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV46 | LOV46    | Routine           | Lube Oil Vent 46   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV47 | LOV47    | Routine           | Lube Oil Vent 47   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908300.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV48 | LOV48    | Routine           | Lube Oil Vent 48   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908250.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV49 | LOV49    | Routine           | Lube Oil Vent 49   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV50 | LOV50    | Routine           | Lube Oil Vent 50   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV51 | LOV51    | Routine           | Lube Oil Vent 51   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV52 | LOV52    | Routine           | Lube Oil Vent 52   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV53 | LOV53    | Routine           | Lube Oil Vent 53   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908300.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV54 | LOV54    | Routine           | Lube Oil Vent 54   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908250.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV55 | LOV55    | Routine           | Lube Oil Vent 55   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269605.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV56 | LOV56    | Routine           | Lube Oil Vent 56   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269655.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV57 | LOV57    | Routine           | Lube Oil Vent 57   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269705.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV58 | LOV58    | Routine           | Lube Oil Vent 58   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269755.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV59 | LOV59    | Routine           | Lube Oil Vent 59   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269805.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN    | Model ID | Modeling Scenario | Source Description        | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|--------|----------|-------------------|---------------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| LOV60  | LOV60    | Routine           | Lube Oil Vent 60          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269855.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV61  | LOV61    | Routine           | Lube Oil Vent 61          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269605.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV62  | LOV62    | Routine           | Lube Oil Vent 62          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269655.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV63  | LOV63    | Routine           | Lube Oil Vent 63          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269705.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV64  | LOV64    | Routine           | Lube Oil Vent 64          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269755.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV65  | LOV65    | Routine           | Lube Oil Vent 65          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269805.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV66  | LOV66    | Routine           | Lube Oil Vent 66          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269855.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV67  | LOV67    | Routine           | Lube Oil Vent 67          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269605.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV68  | LOV68    | Routine           | Lube Oil Vent 68          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269655.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV69  | LOV69    | Routine           | Lube Oil Vent 69          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269705.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV70  | LOV70    | Routine           | Lube Oil Vent 70          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269755.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV71  | LOV71    | Routine           | Lube Oil Vent 71          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269805.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV72  | LOV72    | Routine           | Lube Oil Vent 72          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269855.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV73  | LOV73    | Routine           | Lube Oil Vent 73          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270105.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV74  | LOV74    | Routine           | Lube Oil Vent 74          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270155.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV75  | LOV75    | Routine           | Lube Oil Vent 75          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270205.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV76  | LOV76    | Routine           | Lube Oil Vent 76          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270255.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV77  | LOV77    | Routine           | Lube Oil Vent 77          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270305.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV78  | LOV78    | Routine           | Lube Oil Vent 78          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270355.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV79  | LOV79    | Routine           | Lube Oil Vent 79          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270105.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV80  | LOV80    | Routine           | Lube Oil Vent 80          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270155.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV81  | LOV81    | Routine           | Lube Oil Vent 81          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270205.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV82  | LOV82    | Routine           | Lube Oil Vent 82          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270255.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV83  | LOV83    | Routine           | Lube Oil Vent 83          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270305.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV84  | LOV84    | Routine           | Lube Oil Vent 84          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270355.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV85  | LOV85    | Routine           | Lube Oil Vent 85          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270105.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV86  | LOV86    | Routine           | Lube Oil Vent 86          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270155.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV87  | LOV87    | Routine           | Lube Oil Vent 87          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270205.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV88  | LOV88    | Routine           | Lube Oil Vent 88          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270255.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV89  | LOV89    | Routine           | Lube Oil Vent 89          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270305.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV90  | LOV90    | Routine           | Lube Oil Vent 90          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270355.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| FPUMP1 | FPUMP1   | Routine           | Fire System Pump Engine 1 | POINT             | Engine exhaust stack              |                                           | 263050.00      | 3908660.00      | TBD using AERMAP   | 3.05       | 789.26               | 36.222              | 0.152        |
| FPUMP2 | FPUMP2   | Routine           | Fire System Pump Engine 2 | POINT             | Engine exhaust stack              |                                           | 269350.00      | 3908600.00      | TBD using AERMAP   | 3.05       | 789.26               | 36.222              | 0.152        |
| EGEN1  | EGEN1    | Routine           | Emergency Engine 1        | POINT             | Engine exhaust stack              |                                           | 263100.00      | 3908660.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN2  | EGEN2    | Routine           | Emergency Engine 2        | POINT             | Engine exhaust stack              |                                           | 263150.00      | 3908660.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN3  | EGEN3    | Routine           | Emergency Engine 3        | POINT             | Engine exhaust stack              |                                           | 269400.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN4  | EGEN4    | Routine           | Emergency Engine 4        | POINT             | Engine exhaust stack              |                                           | 269450.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN5  | EGEN5    | Routine           | Emergency Engine 5        | POINT             | Engine exhaust stack              |                                           | 269500.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN6  | EGEN6    | Routine           | Emergency Engine 6        | POINT             | Engine exhaust stack              |                                           | 269550.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Point Source Parameters**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description      | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|-------------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| ENGINE-1 | ENGINE_1 | Routine           | Black Start Generator 1 | POINT             | Engine exhaust stack       |                                           | 263200.00      | 3908660.00      | TBD using AERMAP   | 18.29      | 646.48               | 28.209              | 1.600        |
| ENGINE-2 | ENGINE_2 | Routine           | Black Start Generator 2 | POINT             | Engine exhaust stack       |                                           | 269600.00      | 3908600.00      | TBD using AERMAP   | 18.29      | 646.48               | 28.209              | 1.600        |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Volume Source Calculations**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Footprint of Source:<br>Length (m) | Footprint of Source:<br>Width (m) | Length of Side (making it a square)<br>SQRT(L * W)<br>(m) | Type of Volume Source (Sigma Y)<br>Pick from dropdown | Sigma Y<br>(m) | Vertical Span:<br>Min Release (m) | Vertical Span:<br>Max Release (m) | Vertical Dimension<br>(m) | Type of Volume Source (Sigma Z)<br>Pick from dropdown | Release Height<br>(middle point of vertical span)<br>(m) | Building Name<br>(if on/adjacent to a building)<br>Pick from dropdown | Adjacent Building Height, if applicable<br>(m) | Sigma Z<br>(m) |
|----------|----------|------------------------------------|-----------------------------------|-----------------------------------------------------------|-------------------------------------------------------|----------------|-----------------------------------|-----------------------------------|---------------------------|-------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|----------------|
| NGFUG    | NGFUG    | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| NH3FUG   | NH3FUG   | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| MSSFUG   | MSSFUG   | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| FUG-SF6  | FUG_SF6  | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| TNK-DSL1 | TNK_DSL1 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |
| TNK-DSL2 | TNK_DSL2 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |
| TNK-DSL3 | TNK_DSL3 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |
| TNK-DSL4 | TNK_DSL4 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Volume Source Parameters**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

**Volume Source Parameters:**

| EPN      | Model ID | Modeling Scenario | Easting:<br>X (m) | Northing:<br>Y (m) | Base Elevation (m) | Modeled Release<br>Height (m) | Lateral<br>Dimension<br>Sigma Y (m) | Vertical<br>Dimension<br>Sigma Z (m) | Source Description                                  | Volume Source Size Justification |
|----------|----------|-------------------|-------------------|--------------------|--------------------|-------------------------------|-------------------------------------|--------------------------------------|-----------------------------------------------------|----------------------------------|
| NGFUG    | NGFUG    | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | Natural Gas Piping Fugitives                        | Size of associated process area  |
| NH3FUG   | NH3FUG   | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | SCR Delivery System Fugitives                       | Size of associated process area  |
| MSSFUG   | MSSFUG   | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | ILE Turbine Maintenance Activities                  | Size of associated process area  |
| FUG-SF6  | FUG_SF6  | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives | Size of associated process area  |
| TNK-DSL1 | TNK_DSL1 | Routine           | 263070.00         | 3908700.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 1                                       | 1x1 meter on top of storage tank |
| TNK-DSL2 | TNK_DSL2 | Routine           | 263170.00         | 3908700.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 2                                       | 1x1 meter on top of storage tank |
| TNK-DSL3 | TNK_DSL3 | Routine           | 269450.00         | 3908650.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 3                                       | 1x1 meter on top of storage tank |
| TNK-DSL4 | TNK_DSL4 | Routine           | 269500.00         | 3908650.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 4                                       | 1x1 meter on top of storage tank |

**Texas Commission on Environmental Quality**

Date: 8-1-2025

**Electronic Modeling Evaluation Workbook (EMEW)**

Permit #: TBD

**Modeling Scenarios**

Company Name:Fermi Equipment Holdco LLC

| Modeling Scenario | Scenario Description         |
|-------------------|------------------------------|
| Routine           | Routine operating emissions. |



**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| Flare and Point Source Emissions: |          |                   |           |                        |                     |                |                                                                                             |                      |                                  |                                     |                          |                      |
|-----------------------------------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| EPN                               | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
| HRSGA-1                           | HRSGA_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-2                           | HRSGA_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-3                           | HRSGA_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-4                           | HRSGA_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-5                           | HRSGA_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-6                           | HRSGA_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-7                           | HRSGA_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-8                           | HRSGA_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-9                           | HRSGA_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-10                          | HRSGA_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-11                          | HRSGA_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-12                          | HRSGA_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-13                          | HRSGA_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-14                          | HRSGA_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-15                          | HRSGA_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-16                          | HRSGA_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-17                          | HRSGA_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-18                          | HRSGA_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-1                           | HRSGB_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-2                           | HRSGB_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-3                           | HRSGB_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-4                           | HRSGB_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-5                           | HRSGB_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-6                           | HRSGB_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-7                           | HRSGB_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-8                           | HRSGB_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-9                           | HRSGB_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-10                          | HRSGB_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-11                          | HRSGB_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-12                          | HRSGB_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-13                          | HRSGB_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-14                          | HRSGB_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-15                          | HRSGB_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-16                          | HRSGB_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-17                          | HRSGB_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-18                          | HRSGB_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-1                           | HRSGC_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-2                           | HRSGC_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-3                           | HRSGC_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-4                           | HRSGC_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-5                           | HRSGC_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-6                           | HRSGC_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-7                           | HRSGC_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-8                           | HRSGC_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-9                           | HRSGC_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-10                          | HRSGC_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Flare & Point Source Emissions

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGC-11 | HRSGC_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-12 | HRSGC_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-13 | HRSGC_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-14 | HRSGC_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-15 | HRSGC_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-16 | HRSGC_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-17 | HRSGC_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-18 | HRSGC_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-1  | HRSGD_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-2  | HRSGD_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-3  | HRSGD_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-4  | HRSGD_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-5  | HRSGD_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-6  | HRSGD_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-7  | HRSGD_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-8  | HRSGD_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-9  | HRSGD_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-10 | HRSGD_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-11 | HRSGD_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-12 | HRSGD_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-13 | HRSGD_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-14 | HRSGD_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-15 | HRSGD_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-16 | HRSGD_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-17 | HRSGD_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-18 | HRSGD_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-1  | HRSGE_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-2  | HRSGE_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-3  | HRSGE_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-4  | HRSGE_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-5  | HRSGE_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-6  | HRSGE_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-7  | HRSGE_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-8  | HRSGE_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-9  | HRSGE_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-10 | HRSGE_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-11 | HRSGE_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-12 | HRSGE_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-13 | HRSGE_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-14 | HRSGE_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-15 | HRSGE_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-16 | HRSGE_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-17 | HRSGE_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-18 | HRSGE_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-1  | HRSGA_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-2  | HRSGA_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-3  | HRSGA_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-4  | HRSGA_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-5  | HRSGA_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-6  | HRSGA_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-7  | HRSGA_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-8  | HRSGA_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-9  | HRSGA_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

|          | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGA-10 | HRSGA 10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-11 | HRSGA 11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-12 | HRSGA 12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-13 | HRSGA 13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-14 | HRSGA 14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-15 | HRSGA 15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-16 | HRSGA 16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-17 | HRSGA 17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-18 | HRSGA 18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-1  | HRSGB 1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-2  | HRSGB 2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-3  | HRSGB 3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-4  | HRSGB 4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-5  | HRSGB 5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-6  | HRSGB 6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-7  | HRSGB 7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-8  | HRSGB 8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-9  | HRSGB 9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-10 | HRSGB 10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-11 | HRSGB 11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-12 | HRSGB 12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-13 | HRSGB 13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-14 | HRSGB 14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-15 | HRSGB 15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-16 | HRSGB 16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-17 | HRSGB 17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-18 | HRSGB 18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-1  | HRSGC 1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-2  | HRSGC 2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-3  | HRSGC 3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-4  | HRSGC 4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-5  | HRSGC 5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-6  | HRSGC 6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-7  | HRSGC 7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-8  | HRSGC 8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-9  | HRSGC 9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-10 | HRSGC 10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-11 | HRSGC 11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-12 | HRSGC 12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-13 | HRSGC 13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-14 | HRSGC 14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-15 | HRSGC 15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-16 | HRSGC 16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-17 | HRSGC 17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-18 | HRSGC 18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-1  | HRSGD 1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-2  | HRSGD 2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-3  | HRSGD 3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-4  | HRSGD 4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-5  | HRSGD 5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-6  | HRSGD 6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-7  | HRSGD 7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-8  | HRSGD 8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-9  | HRSGD 9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-10 | HRSGD 10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-11 | HRSGD 11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-12 | HRSGD 12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-13 | HRSGD 13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-14 | HRSGD 14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGD-15 | HRSGD_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-16 | HRSGD_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-17 | HRSGD_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-18 | HRSGD_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-1  | HRSGE_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-2  | HRSGE_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-3  | HRSGE_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-4  | HRSGE_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-5  | HRSGE_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-6  | HRSGE_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-7  | HRSGE_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-8  | HRSGE_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-9  | HRSGE_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-10 | HRSGE_10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-11 | HRSGE_11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-12 | HRSGE_12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-13 | HRSGE_13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-14 | HRSGE_14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-15 | HRSGE_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-16 | HRSGE_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-17 | HRSGE_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-18 | HRSGE_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-1  | HRSGA_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-2  | HRSGA_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-3  | HRSGA_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-4  | HRSGA_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-5  | HRSGA_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-6  | HRSGA_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-7  | HRSGA_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-8  | HRSGA_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-9  | HRSGA_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-10 | HRSGA_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-11 | HRSGA_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-12 | HRSGA_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-13 | HRSGA_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-14 | HRSGA_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-15 | HRSGA_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-16 | HRSGA_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-17 | HRSGA_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-18 | HRSGA_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-1  | HRSGB_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-2  | HRSGB_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-3  | HRSGB_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-4  | HRSGB_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-5  | HRSGB_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-6  | HRSGB_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-7  | HRSGB_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-8  | HRSGB_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-9  | HRSGB_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-10 | HRSGB_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-11 | HRSGB_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-12 | HRSGB_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-13 | HRSGB_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGB-14 | HRSGB_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-15 | HRSGB_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-16 | HRSGB_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-17 | HRSGB_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-18 | HRSGB_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-1  | HRSGC_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-2  | HRSGC_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-3  | HRSGC_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-4  | HRSGC_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-5  | HRSGC_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-6  | HRSGC_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-7  | HRSGC_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-8  | HRSGC_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-9  | HRSGC_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-10 | HRSGC_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-11 | HRSGC_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-12 | HRSGC_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-13 | HRSGC_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-14 | HRSGC_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-15 | HRSGC_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-16 | HRSGC_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-17 | HRSGC_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-18 | HRSGC_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-1  | HRSGD_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-2  | HRSGD_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-3  | HRSGD_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-4  | HRSGD_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-5  | HRSGD_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-6  | HRSGD_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-7  | HRSGD_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-8  | HRSGD_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-9  | HRSGD_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-10 | HRSGD_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-11 | HRSGD_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-12 | HRSGD_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-13 | HRSGD_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-14 | HRSGD_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-15 | HRSGD_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-16 | HRSGD_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-17 | HRSGD_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-18 | HRSGD_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-1  | HRSGE_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-2  | HRSGE_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-3  | HRSGE_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-4  | HRSGE_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-5  | HRSGE_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-6  | HRSGE_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-7  | HRSGE_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-8  | HRSGE_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-9  | HRSGE_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-10 | HRSGE_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-11 | HRSGE_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-12 | HRSGE_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-13 | HRSGE_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-14 | HRSGE_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-15 | HRSGE_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Flare & Point Source Emissions

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGE-16 | HRSGE_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-17 | HRSGE_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-18 | HRSGE_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| FPUMP1   | FPUMP1   | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.004                            | Permitted maximum normal operations | No                       |                      |
| FPUMP2   | FPUMP2   | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.004                            | Permitted maximum normal operations | No                       |                      |
| EGEN1    | EGEN1    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN2    | EGEN2    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN3    | EGEN3    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN4    | EGEN4    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN5    | EGEN5    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN6    | EGEN6    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| ENGINE-1 | ENGINE_1 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.029                            | Permitted maximum normal operations | No                       |                      |
| ENGINE-2 | ENGINE_2 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.029                            | Permitted maximum normal operations | No                       |                      |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Volume Source Emissions

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

Volume Source Emissions:

| EPN    | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|--------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| NGFUG  | NGFUG    | Routine           | H2S       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.000                            | Permitted maximum normal operations | No                       |                      |
| MSSFUG | MSSFUG   | Routine           | H2S       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.012                            | Permitted maximum normal operations | No                       |                      |

**Overall Quality** Date: 8-1-2025  
(EMEW) Permit #: TBD  
Company Name: Fermi Equipment Holdco LLC

Page 27



## Speciated Emissions

Company Name:Fermi Equipment Holdco LLC

[illegible]

Company Name:Fermi Equipment Holdco LLC

Permit #: TBD

Page 29

# Appendix E

## Professional Engineer Certification

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- Professional Engineer (P.E.) Certification Seal

## Professional Engineer Certification

I, Bruce Broberg, a registered professional engineer in the State of Texas, Registration No. 54960, certify that this permit amendment application for Fermi Equipment Holdco LLC dba Fermi America was prepared by me or by others under my direct supervision.

Bruce A. Broberg

Name of Professional Engineer

*Bruce A. Broberg*

Signature

54960

Registration Number

Texas

State

August 1, 2025

Date

Texas Registered Engineering Firm 3775

TRC Environmental Corporation

Seal



**Texas Commission on Environmental Quality**  
Case-by-Case New Permit

**Site Information (Regulated Entity)**

|                                                                         |                                                                                                                                              |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| What is the name of the site to be authorized?                          | Fermi America Project Matador                                                                                                                |
| Does the site have a physical address?                                  | No                                                                                                                                           |
| Because there is no physical address, describe how to locate this site: | Located approximately 15 miles northeast of Amarillo, TX along US Hwy 60, near intersection of US Hwy 60 & FM2373 on north side of the road. |
| City                                                                    | Amarillo                                                                                                                                     |
| State                                                                   | TX                                                                                                                                           |
| ZIP                                                                     | 79101                                                                                                                                        |
| County                                                                  | CARSON                                                                                                                                       |
| Latitude (N) (##.#####)                                                 | 35.2843                                                                                                                                      |
| Longitude (W) (-###.#####)                                              | -101.5776                                                                                                                                    |
| Primary SIC Code                                                        | 4911                                                                                                                                         |
| Secondary SIC Code                                                      |                                                                                                                                              |
| Primary NAICS Code                                                      | 221112                                                                                                                                       |
| Secondary NAICS Code                                                    |                                                                                                                                              |
| Regulated Entity Site Information                                       |                                                                                                                                              |
| What is the Regulated Entity's Number (RN)?                             |                                                                                                                                              |
| What is the name of the Regulated Entity (RE)?                          | Fermi America Project Matador                                                                                                                |
| Does the RE site have a physical address?                               | No                                                                                                                                           |
| Because there is no physical address, describe how to locate this site: | Located approximately 15 miles northeast of Amarillo, TX along US Hwy 60, near intersection of US Hwy 60 & FM2373 on north side of the road. |
| City                                                                    | Amarillo                                                                                                                                     |
| State                                                                   | TX                                                                                                                                           |
| ZIP                                                                     | 79101                                                                                                                                        |
| County                                                                  | CARSON                                                                                                                                       |
| Latitude (N) (##.#####)                                                 | 35.2843                                                                                                                                      |
| Longitude (W) (-###.#####)                                              | -101.5776                                                                                                                                    |
| Facility NAICS Code                                                     | 221112                                                                                                                                       |
| What is the primary business of this entity?                            | Power Generation for On-site Data Center                                                                                                     |

## Customer (Applicant) Information

|                                                                                                                                                |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| How is this applicant associated with this site?                                                                                               | Owner Operator              |
| What is the applicant's Customer Number (CN)?                                                                                                  |                             |
| Type of Customer                                                                                                                               | Corporation                 |
| Full legal name of the applicant:                                                                                                              |                             |
| Legal Name                                                                                                                                     | Fermi Equipment Holdco, LLC |
| Texas SOS Filing Number                                                                                                                        | 0806069167                  |
| Federal Tax ID                                                                                                                                 | 392519855                   |
| State Franchise Tax ID                                                                                                                         | 32100583700                 |
| State Sales Tax ID                                                                                                                             |                             |
| Local Tax ID                                                                                                                                   |                             |
| DUNS Number                                                                                                                                    |                             |
| Number of Employees                                                                                                                            | 0-20                        |
| Independently Owned and Operated?                                                                                                              | Yes                         |
| I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. | Yes                         |
| Responsible Authority Contact                                                                                                                  |                             |
| Organization Name                                                                                                                              | Fermi Equipment Holdco, LLC |
| Prefix                                                                                                                                         | MR                          |
| First                                                                                                                                          | Charles                     |
| Middle                                                                                                                                         | L                           |
| Last                                                                                                                                           | Hamilton                    |
| Suffix                                                                                                                                         |                             |
| Credentials                                                                                                                                    |                             |
| Title                                                                                                                                          | Director of Development     |
| Responsible Authority Mailing Address                                                                                                          |                             |
| Enter new address or copy one from list:                                                                                                       |                             |
| Address Type                                                                                                                                   | Domestic                    |
| Mailing Address (include Suite or Bldg. here, if applicable)                                                                                   | 600 S TYLER ST STE 1501     |
| Routing (such as Mail Code, Dept., or Attn:)                                                                                                   |                             |
| City                                                                                                                                           | AMARILLO                    |
| State                                                                                                                                          | TX                          |
| ZIP                                                                                                                                            | 79101                       |
| Phone (###-###-####)                                                                                                                           | 8067894300                  |
| Extension                                                                                                                                      |                             |

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

Charlie.Hamilton@fermiamerica.com

## Responsible Official Contact

---

Person TCEQ should contact for questions about this application:

Same as another contact?

Fermi Equipment Holdco, LLC

Organization Name

Fermi Equipment Holdco, LLC

Prefix

MR

First

Charles

Middle

L

Last

Hamilton

Suffix

Credentials

Title

Director of Development

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

600 S TYLER ST STE 1501

Routing (such as Mail Code, Dept., or Attn:)

City

AMARILLO

State

TX

ZIP

79101

Phone (###-###-####)

8067894300

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

Charlie.Hamilton@fermiamerica.com

## Technical Contact

---

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

TRC Environmental Corporation

|                                                              |                                      |
|--------------------------------------------------------------|--------------------------------------|
| Prefix                                                       | MS                                   |
| First                                                        | Elizabeth                            |
| Middle                                                       |                                      |
| Last                                                         | Stanko                               |
| Suffix                                                       |                                      |
| Credentials                                                  |                                      |
| Title                                                        | Director, Energy Transition Projects |
| Enter new address or copy one from list:                     |                                      |
| Mailing Address                                              |                                      |
| Address Type                                                 | Domestic                             |
| Mailing Address (include Suite or Bldg. here, if applicable) | 11767 KATY FWY STE 850               |
| Routing (such as Mail Code, Dept., or Attn:)                 |                                      |
| City                                                         | HOUSTON                              |
| State                                                        | TX                                   |
| ZIP                                                          | 77079                                |
| Phone (###-###-####)                                         | 7132441039                           |
| Extension                                                    |                                      |
| Alternate Phone (###-###-####)                               |                                      |
| Fax (###-###-####)                                           |                                      |
| E-mail                                                       | EStanko@TRCcompanies.com             |

## Case by Case General Information-New Sites

|                                                                                                                                                                                                 |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1) Is this application a re-submittal of a project voided within the last six months?                                                                                                           | No        |
| 2) Is this application for a portable facility?                                                                                                                                                 | No        |
| 3) What type of new authorization are you applying for?                                                                                                                                         | CONSTRUCT |
| 3.1. Are there any associated federal Prevention of Significant Deterioration (PSD), Nonattainment (NA), or major source hazardous pollutants Federal Clean Air Act § 112(g) permits?           | No        |
| 3.2. Are there any Permits by Rule (PBR) or standard exemptions associated to be incorporated?                                                                                                  | No        |
| 3.3. List any PBR or standard exemptions with date claimed that need to be referenced that the TCEQ was previously not required to be notified of (unregistered PBR and standard exemptions).   | None      |
| 3.4. List any PBR or standard exemptions with date claimed that need to be consolidated that the TCEQ was previously not required to be notified of (unregistered PBR and standard exemptions). | None      |



|                                                                                                                                              |    |
|----------------------------------------------------------------------------------------------------------------------------------------------|----|
| 3.5. Are there any standard permits associated with this permit to be incorporated?                                                          | No |
| 3.6. Are there any other permits to be consolidated into this permit?                                                                        | No |
| 3.7. Are there any other permits that should be voided as part of this application for any reason other than consolidation into this permit? | No |

## Case by Case Application Requirements

|                                                                                                                                                                                                                              |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1) Is a completed Form PI-1 General Application attached with all supporting documentation?                                                                                                                                  | Yes |
| 2) Is an air quality impacts demonstration required?                                                                                                                                                                         | Yes |
| 2.1. Is the application for a major New Source Review (federal or PSD) permit?                                                                                                                                               | Yes |
| 2.1.1. Is a completed Modeling Protocol with all supporting documentation being attached?                                                                                                                                    | Yes |
| 3) Do the emissions from the proposed facility comply with all rules and regulations of the commission and with the intent of the Texas Clean Air Act (TCAA), including protection of the health and property of the public? | Yes |
| 4) Does the application contain provisions for measuring emissions of significant air contaminants?                                                                                                                          | Yes |
| 5) Does the application contain a best available control technology (BACT) evaluation for all facilities subject to the TCAA?                                                                                                | Yes |
| 6) Is the proposed facility subject to a New Source Performance Standard (Title 40 Code of Federal Regulation (CFR) Part 60 (NSPS)?                                                                                          | Yes |
| 6.1. If yes, does the application contain a NSPS evaluation for all facilities subject to the TCAA, as listed in Title 40 CFR Part 60?                                                                                       | Yes |
| 7) Is the proposed facility subject to a National Emission Standard for Hazardous Air Pollutants (Title 40 CFR Part 61) (NESHAP)?                                                                                            | No  |
| 8) Is the proposed facility subject to National Emission Standard for Hazardous Air Pollutants (Title 40 CFR Part 63) (MACT) evaluation required?                                                                            | Yes |
| 8.1. If yes, does the application contain a MACT evaluation for all facilities subject to the TCAA, as listed in Title 40 CFR Part 63?                                                                                       | Yes |
| 9) Is a nonattainment review (NA) and/or prevention of significant deterioration (PSD) evaluation required?                                                                                                                  | Yes |

|                                                                                                                                                                                                                                                                                            |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 9.1. If yes, does the application contain a NA and/or PSD evaluation for all facilities subject to the TCAA?                                                                                                                                                                               | Yes |
| 10) Does the application contain information to demonstrate that the proposed facility will achieve the performance specified in its permit?                                                                                                                                               | Yes |
| 11) If subject to Chapter 101, Subchapter H, Division 3 (relating to Mass Emissions Cap and Trade Program), the proposed facility, group of facilities, or account must obtain allowances to operate. Have the allowances been identified for the facilities contained in the application? | NA  |
| 12) Is the facility an affected source (as defined in 116.15(1)) for hazardous air pollutants?                                                                                                                                                                                             | No  |

Case by Case Table 30

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| 1) Do nonattainment permitting requirements apply to this application?                           | No    |
| 2) Do prevention of significant deterioration permitting requirements apply to this application? | Yes   |
| 3) Enter the total permit application fee (non-renewal) based on your estimated capital cost.    | 75000 |

Case by Case Attachments

If the file size for any attachment is greater than 50MB, then combine all non-excel files into one PDF document and use the FTP process to create an account at <a href="https://ftp.tceq.texas.gov/ut.php" onclick="return !window.open(this.href,'window\_name','resizable=true,scrollbars=yes');" style="color: blue !important;">https://ftp.tceq.texas.gov/ut.php</a>, upload files, and share to <b style="color: blue !important;">APIRT@tceq.texas.gov.</b> Detailed instructions can be found at <a href="https://ftp.tceq.texas.gov/help/" onclick="return !window.open(this.href,'window\_name','resizable=true,scrollbars=yes');" style="color: blue !important;">https://ftp.tceq.texas.gov/help/</a>.

|                                                                           |                                                                                          |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Attach Form PI-1 General Application.                                     |                                                                                          |
| [File Properties]                                                         |                                                                                          |
| File Name                                                                 | <a href=/ePermitsExternal/faces/file?fileId=273036>NSR_WORKBOOK_20250801_123755.xlsx</a> |
| Hash                                                                      | 3D59F65D9AC1A4ADAE4AA8C463ABA3DC2D31A3697C4A38411089BBF03B2CE372                         |
| MIME-Type                                                                 | application/vnd.openxmlformats-officedocument.spreadsheetml.sheet                        |
| Confidential                                                              | No                                                                                       |
| Attach Electronic Modeling Evaluation Workbook (EMEW), MERA, or Protocol. |                                                                                          |
| [File Properties]                                                         |                                                                                          |

File Name <a href=/ePermitsExternal/faces/file?fileId=272964>EMEW\_MERA\_20250801\_105249.xlsx</a>  
Hash 4F118DCE191EF5E5B67E4AAA550D1AFB3171B732DB82776848EEF4A197D75D9C  
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet  
Confidential No

Attach executive summary, introduction, and process description documents.

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=272978>EXEC\_SUMMARY\_20250801\_105809.pdf</a>  
Hash 2D2B7A9C09A304F6460C2FE032D75777422D1584DF7DE376E6CD579E0C2E8B22  
MIME-Type application/pdf  
Confidential No

Attach area map, plot plan, and process flow diagram.

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=272966>AREA\_MAP\_20250801\_105339.pdf</a>  
Hash 1EA0564645FA04074E1F26931A9198AB4575248E14FE595A64DEEFC423447991  
MIME-Type application/pdf  
Confidential No

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=272967>AREA\_MAP\_20250801\_105352.pdf</a>  
Hash 7D984F51A03001937089DEBAD570ED95185275930CEE5EB7884FACD9FC31E632  
MIME-Type application/pdf  
Confidential No

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=272968>AREA\_MAP\_20250801\_105405.pdf</a>  
Hash A9C6076365BB96AB224728AD7AD5B028F6C76E63FD16FFC0E21A8F103461B34A  
MIME-Type application/pdf  
Confidential No

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=272969>AREA\_MAP\_20250801\_105417.pdf</a>  
Hash 7A8CF2FF60B5A7D73F25501C6C43EC7EAAB54F1BAD909D35BB66C483DE0F24EE  
MIME-Type application/pdf

|                                                                    |                                                                                                    |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Confidential                                                       | No                                                                                                 |
| [File Properties]                                                  |                                                                                                    |
| File Name                                                          | <a href=/ePermitsExternal/faces/file?fileId=272970>AREA_MAP_20250801_105430.pdf</a>                |
| Hash                                                               | E8E6191DCB0D512A2ED1CC593F93B33F1BCC6EC42D59591EFAA7445BF6CBA4E1                                   |
| MIME-Type                                                          | application/pdf                                                                                    |
| Confidential                                                       | No                                                                                                 |
| Attach federal applicability description.                          |                                                                                                    |
| Attach the Best Available Control Technology (BACT) demonstration. |                                                                                                    |
| Attach Emission Calculation.                                       |                                                                                                    |
| [File Properties]                                                  |                                                                                                    |
| File Name                                                          | <a href=/ePermitsExternal/faces/file?fileId=272971>EMISSIONS_CALCULATIONS_20250801_105511.xlsx</a> |
| Hash                                                               | 30B8BB786D3F4338FBD076E7DE53C218F0BAB130D9A9AB0F8D7B1D05E108390F                                   |
| MIME-Type                                                          | application/vnd.openxmlformats-officedocument.spreadsheetml.sheet                                  |
| Confidential                                                       | No                                                                                                 |
| Attach Material balance documentation.                             |                                                                                                    |
| [File Properties]                                                  |                                                                                                    |
| File Name                                                          | <a href=/ePermitsExternal/faces/file?fileId=272972>MATERIAL_BALANCE_20250801_105527.pdf</a>        |
| Hash                                                               | 15A88545E28897FBFFE43BB23A25575F58AD1B90BE255394598A8B66FD4F2452                                   |
| MIME-Type                                                          | application/pdf                                                                                    |
| Confidential                                                       | No                                                                                                 |
| Attach all equipment tables.                                       |                                                                                                    |
| Attach netting forms (1F, 2F, 3F, and 4F).                         |                                                                                                    |
| [File Properties]                                                  |                                                                                                    |
| File Name                                                          | <a href=/ePermitsExternal/faces/file?fileId=272973>NETTING_FORMS_20250801_105552.pdf</a>           |
| Hash                                                               | BCC2C698A58F6AD07DBAC6A122B6703CCAC1228D48DB7D4100FCA8C47138732F                                   |
| MIME-Type                                                          | application/pdf                                                                                    |
| Confidential                                                       | No                                                                                                 |

[File Properties]

|              |                                                                                          |
|--------------|------------------------------------------------------------------------------------------|
| File Name    | <a href=/ePermitsExternal/faces/file?fileId=272974>NETTING_FORMS_20250801_105602.pdf</a> |
| Hash         | 4120DB6164A3E9B02EBBB1434250AFB4EEC87A51CC42586FE34A400BFF89EEF3                         |
| MIME-Type    | application/pdf                                                                          |
| Confidential | No                                                                                       |

Attach any other necessary information needed to complete the permit.

[File Properties]

|              |                                                                                              |
|--------------|----------------------------------------------------------------------------------------------|
| File Name    | <a href=/ePermitsExternal/faces/file?fileId=272975>OTHER_INFORMATION_20250801_105649.pdf</a> |
| Hash         | 6B43CA30D18A40F33B1A7FA7E787B847E1183529BF519F63045E282812543213                             |
| MIME-Type    | application/pdf                                                                              |
| Confidential | No                                                                                           |

[File Properties]

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| File Name    | <a href=/ePermitsExternal/faces/file?fileId=272976>OTHER_INFORMATION_20250801_105707.xlsx</a> |
| Hash         | E85C2481CE809FDCFDA7F349FB29E3AD14360C57135E18E8A671DCE7B83C8696                              |
| MIME-Type    | application/vnd.openxmlformats-officedocument.spreadsheetml.sheet                             |
| Confidential | No                                                                                            |

An additional space to attach any other necessary information needed to complete the permit.

[File Properties]

|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| File Name    | <a href=/ePermitsExternal/faces/file?fileId=272982>ADDITIONAL_INFORMATION_20250801_110057.pdf</a> |
| Hash         | 048E03F4BC3E21D3C5E25B018CB2067A3E5FA2BF95D683620F7AF6541DD15D39                                  |
| MIME-Type    | application/pdf                                                                                   |
| Confidential | No                                                                                                |

[File Properties]

|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| File Name    | <a href=/ePermitsExternal/faces/file?fileId=272983>ADDITIONAL_INFORMATION_20250801_110108.pdf</a> |
| Hash         | 643CC8272AA85150A871BB0BEA9F2D2ADF01020AE3CED26C1CB7FBB2C4764A40                                  |
| MIME-Type    | application/pdf                                                                                   |
| Confidential | No                                                                                                |

|                                                                                                                                          |       |
|------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?          | Yes   |
| 1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state? | Yes   |
| 1.2. Select the applicable expedited surcharge                                                                                           | 20000 |

## Certification

The electronic signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7, Texas Clean Air Act (TCAA), as amended, or any of the air quality rules and regulations of the Texas Commission on Environmental Quality or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. I further state that I have read and understand TWC 7.177-7.183, which defines CRIMINAL OFFENSES for certain violations, including intentionally or knowingly making or causing to be made false material statements or representations in this application, and TWC 7.187, pertaining to CRIMINAL PENALTIES.

1. I am Charles L Hamilton, the owner of the STEERS account ER115503.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Case-by-Case New Permit.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Charles L Hamilton OWNER OPERATOR

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| Account Number:                      | ER115503                                                         |
| Signature IP Address:                | 140.174.251.163                                                  |
| Signature Date:                      | 2025-08-01                                                       |
| Signature Hash:                      | A72D765CC8235CE57A060EEFAAF93FB53DE3B70A72A11BF90BC39553B4DFF042 |
| Form Hash Code at time of Signature: | 769B62A3D99BE55FF883B4417074B4335A134E19437993E597946F0B47515A8E |

## Fee Payment

Transaction by:

The application fee payment transaction was made by ER115413/Dan R Mchenry

Paid by:

The application fee was paid by DAN MCHENRY

Fee Amount:

\$75000.00

Paid Date:

The application fee was paid on 2025-08-01

Transaction/Voucher number:

The transaction number is 582EA000679136 and the voucher number is 777644

## Fee Payment

Transaction by:

The surcharge fee payment transaction was made by ER115413/Dan R Mchenry

Paid by:

The surcharge fee was paid by DAN MCHENRY

Fee Amount:

\$20000.00

Paid Date:

The surcharge fee was paid on 2025-08-01

Transaction/Voucher number:

The transaction number is 582EA000679136 and the voucher number is 777645

## Submission

Reference Number:

The application reference number is 805709

Submitted by:

The application was submitted by ER115413/Dan R Mchenry

Submitted Timestamp:

The application was submitted on 2025-08-01 at 13:53:22 CDT

Submitted From:

The application was submitted from IP address 68.74.201.203

Confirmation Number:

The confirmation number is 668620

Steers Version:

The STEERS version is 6.92

## Additional Information

Application Creator: This account was created by Elizabeth M Stanko



## **Texas Commission on Environmental Quality**

### **Form APD-EXP Expedited Permit Request**

#### **Instructions**

For more information on the expedited permitting program, please refer to the document titled “Initial Implementation of the Expedited Permitting Program” on our website at:

[www.tceq.texas.gov/assets/public/permitting/air/Guidance/NewSourceReview/epp-in-impl-guide-external-6258.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/NewSourceReview/epp-in-impl-guide-external-6258.pdf).

#### **I. Contact Information**

List the legal name of the company, corporation, partnership, or person who is requesting to expedite the processing of the application. List the Customer Reference Number (CN) and the Regulated Entity Number (RN). Provide the name, telephone number, and e-mail address of the company official or technical contact. This person must have the authority to make binding agreements and representations on behalf of the applicant. Make sure all contact information matches the information provided on the application form associated with this request (e.g., PI-1).

#### **II. Project Information**

List the facility name, permit number, and project number, as applicable. Enter NA if this request accompanies an initial permit. This information should match the application form associated with this request (e.g., PI-1).

#### **III. Economic Justification**

Title 30 Texas Administrative Code (TAC) Chapter 101, Subchapter J, allows for permits to be expedited if the applicant can demonstrate that a project will “benefit the economy of this state or an area of this state.” Confirm that the purpose of the application associated with this request form will benefit the economy of this state or an area of this state by checking the appropriate box.

#### **IV. Delinquent Fees and Penalties**

The Air Permits Division will not expedite this application if any delinquent fees and applicable penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ, in accordance with TCEQ protocol for delinquent fees and penalties.

#### **V. Signature**

Please make sure a signature of the company official or technical contact is included in the application submitted to the TCEQ.

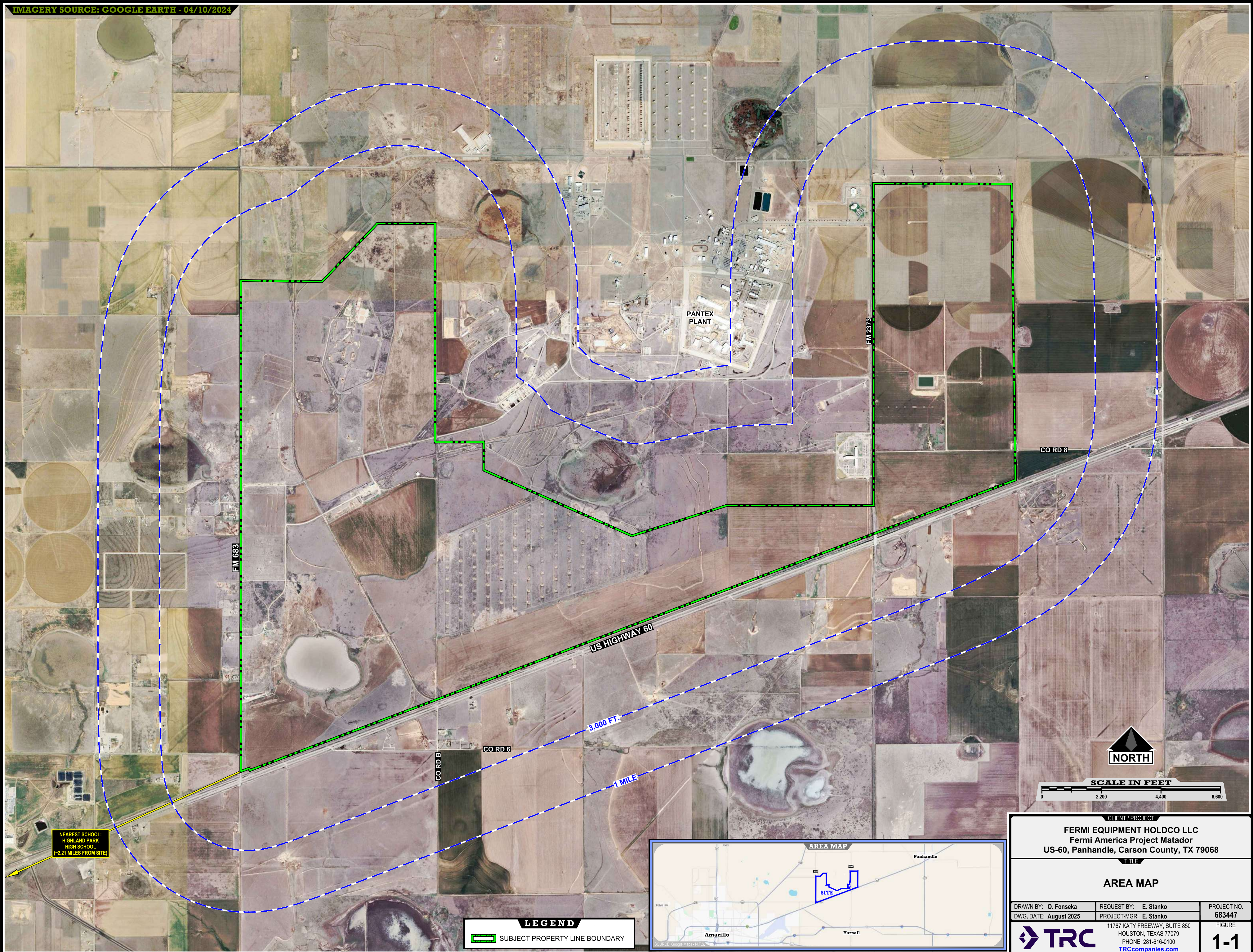


## Form APD-EXP Expedited Permitting Request

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>I. Contact Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |
| Company or Other Legal Customer Name: Fermi Equipment Holdco LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |
| Customer Reference Number (CN): TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| Regulated Entity Number (RN): TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                     |
| Company Official or Technical Contact Name: Mr. Charlie Hamilton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |
| Phone Number: 806-789-4300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |
| Email: charlie.hamilton@fermiamerica.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |
| <b>II. Project Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| Facility Type: Combined Cycle Natural Gas Turbines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| Permit Number: TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| Project Number: TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| <b>III. Economic Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
| The purpose of the application associated with this request to expedite will benefit the economy of this state or an area of this state.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| <b>IV. Delinquent Fees and Penalties</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |
| Applications will not be expedited if any delinquent fees and/or penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: <a href="http://www.tceq.texas.gov/agency/delin/index.html">www.tceq.texas.gov/agency/delin/index.html</a> .                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| <b>V. Signature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. As the applicant, I commit to fulfilling all expectations of the expedited permitting program and application requirements promptly. Failure to meet any expectation or requirement may cause my application to be removed from the expedited permitting program and possibly voided at the discretion of the TCEQ Executive Director. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties. |                                                                     |
| Name: Charlie Hamilton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |

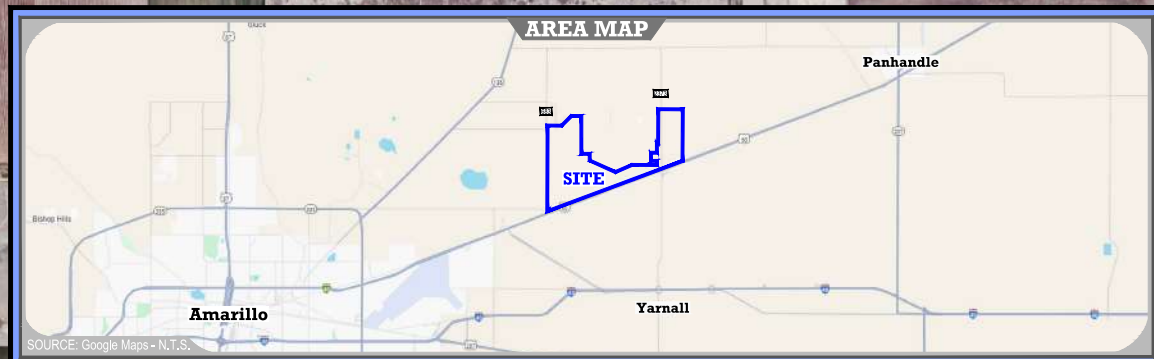
Reset Form





**LEGEND**

SUBJECT PROPERTY LINE BOUNDARY



|                                                                                                                                        |                        |                    |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|
| CLIENT / PROJECT                                                                                                                       |                        |                    |
| FERMI EQUIPMENT HOLDCO LLC<br>Fermi America Project Matador<br>US-60, Panhandle, Carson County, TX 79068                               |                        |                    |
| TITLE                                                                                                                                  |                        |                    |
| AREA MAP                                                                                                                               |                        |                    |
| DRAWN BY: O. Fonseka                                                                                                                   | REQUEST BY: E. Stanko  | PROJECT NO. 683447 |
| DWG. DATE: August 2025                                                                                                                 | PROJECT-MGR: E. Stanko | FIGURE 1-1         |
| 11767 KATY FREEWAY, SUITE 850<br>HOUSTON, TEXAS 77079<br>PHONE: 281-616-0100<br><a href="http://TRCcompanies.com">TRCcompanies.com</a> |                        |                    |



**Texas Commission on Environmental Quality**  
**Table 2**  
**Material Balance**

This material balance table is used to quantify possible emissions of air contaminants and special emphasis should be placed on potential air contaminants, for example: If feed contains sulfur, show distribution to all products. Please relate each material (or group of materials) listed to its respective location in the process flow diagram by assigning emission point numbers (taken from the flow diagram) to each material.

| List every material involved in each of the following groups | Emission Point No. from Flow Diagram | Process Rate <sup>1</sup><br>Check appropriate column at right to indicate process rate method. | Measurement | Estimation | Calculation |
|--------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------|-------------|------------|-------------|
| Raw Materials - Input                                        |                                      |                                                                                                 |             |            |             |
| Fuels - Input                                                | Natural Gas<br>Diesel (ULSD)         | 402,436,809 MMBtu/yr<br>1,000,000 gallons/yr                                                    |             |            | X           |
| Products and By-Products - Output                            | Electricity                          | Approximately 6,000 MW                                                                          |             |            | X           |
| Solid Wastes - Output                                        |                                      |                                                                                                 |             |            |             |
| Liquid Wastes - Output                                       |                                      |                                                                                                 |             |            |             |
| Airborne Waste (Solid) - Output                              |                                      | See PI-1 Workbook                                                                               |             |            | X           |
| Airborne Wastes (Gaseous) - Output                           |                                      | See PI-1 Workbook                                                                               |             |            | X           |

<sup>1</sup> Specify the process rate of the facility using conventional engineering units (e.g., bbl/d, lb/yr, SCFM), and indicate the units next to each number. Standard Conditions: are 68°F 14.7 psia (30 Texas Administrative Code, Section 101.1(99)).

**Table 1F**  
**Air Quality Application Supplement**  
**Texas Commission on Environmental Quality**

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Permit Number:              | TBD                                                                                  |
| Application Submittal Date: | August 1, 2025                                                                       |
| Company:                    | Fermi Equipment Holdco LLC                                                           |
| Regulated Entity Number:    | RN: TBD                                                                              |
| Named Source (Y/N):         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  |
| City:                       | Panhandle (nearest city)                                                             |
| County:                     | Carson                                                                               |
| Permit Activity:            | <input checked="" type="checkbox"/> New Source <input type="checkbox"/> Modification |

Complete for all Pollutants with a Project Emission Increase.

| Questions                                                                    | Ozone<br>VOC | Ozone<br>NO <sub>x</sub> | CO    | PM    | PM <sub>10</sub> | PM <sub>2.5</sub> | NO <sub>x</sub> | SO <sub>2</sub> | CO <sub>2e</sub> <sup>1</sup> | H <sub>2</sub> SO <sub>4</sub> <sup>1</sup> |
|------------------------------------------------------------------------------|--------------|--------------------------|-------|-------|------------------|-------------------|-----------------|-----------------|-------------------------------|---------------------------------------------|
| Is nonattainment potentially applicable? (Y/N)                               | No           | No                       | No    | No    | No               | No                | No              | No              | No                            | No                                          |
| Is PSD potentially applicable? (Y/N)                                         | Yes          | Yes                      | Yes   | Yes   | Yes              | Yes               | Yes             | Yes             | Yes                           | Yes                                         |
| Existing site PTE (tpy)?                                                     | 0.0          | 0.0                      | 0.0   | 0.0   | 0.0              | 0.0               | 0.0             | 0.0             | 0.0                           | 0.0                                         |
| Total project emissions increase (tpy from Table 2F)?                        | 582          | 1,591                    | 2,141 | 1,075 | 1,026            | 977               | 1,591           | 282             | 23,584,211                    | 43                                          |
| Is the existing site a major source? (Y/N)                                   | No           | No                       | No    | No    | No               | No                | No              | No              | No                            | No                                          |
| If not, is the project a major source by itself? (Y/N)                       | Yes          | Yes                      | Yes   | Yes   | Yes              | Yes               | Yes             | Yes             | Yes                           | No                                          |
| If site is major source, is the project increase significant? (Y/N)          | NA           | NA                       | NA    | NA    | NA               | NA                | NA              | NA              | NA                            | NA                                          |
| Net contemporaneous change, including proposed project, from Table 3F (tpy)? | NA           | NA                       | NA    | NA    | NA               | NA                | NA              | NA              | NA                            | NA                                          |
| Major NSR Applicable? (Y/N)                                                  | Yes          | Yes                      | Yes   | Yes   | Yes              | Yes               | Yes             | Yes             | Yes                           | Yes                                         |

<sup>1</sup> Other pollutants. [Pb, H<sub>2</sub>S, TRS, H<sub>2</sub>SO<sub>4</sub>, Fluoride excluding HF, Greenhouse Gases as CO<sub>2e</sub>, etc.].

**Table 1F**  
**Air Quality Application Supplement**  
**Texas Commission on Environmental Quality**

|                                                                                         |     |
|-----------------------------------------------------------------------------------------|-----|
| If netting required, estimated start of construction date (MM/DD/YR):                   | NA  |
| Beginning of Contemporaneous Period, 5 years prior to start of construction (MM/DD/YR): | NA  |
| End of Contemporaneous Period, the start of operation date (MM/DD/YR):                  | NA# |



## **PSD Modeling Protocol**

**Fermi Equipment Holdco, LLC  
Fermi America Project Matador**

*Carson County, Texas*

**August 2025**

# Table of Contents

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|       |                                                              |     |
|-------|--------------------------------------------------------------|-----|
| 1.    | Project Identification Information .....                     | 1-1 |
| 2.    | Project Overview .....                                       | 2-1 |
| 2.1   | Type of Permit Review .....                                  | 2-1 |
| 2.2   | Air Constituents Evaluated .....                             | 2-2 |
| 3.    | Area Map .....                                               | 3-1 |
| 4.    | Plot Plan .....                                              | 4-1 |
| 5.    | Air Quality Monitoring Data .....                            | 5-1 |
| 5.1   | Available Background Concentrations .....                    | 5-1 |
| 5.2   | PSD Ambient Monitoring Requirement .....                     | 5-2 |
| 6.    | Modeling Emissions Inventory.....                            | 6-1 |
| 6.1   | On-Property Sources.....                                     | 6-1 |
| 6.2   | Off-Property Sources .....                                   | 6-1 |
| 6.3   | Stack Parameter Justification.....                           | 6-2 |
| 6.3.1 | Good Engineering Practice Stack Height.....                  | 6-2 |
| 6.3.2 | Stack Parameters – Project Sources.....                      | 6-2 |
| 6.3.3 | Turbine Startup Shutdown Scenarios .....                     | 6-3 |
| 6.3.4 | Emergency Equipment Emissions .....                          | 6-3 |
| 6.3.5 | NO <sub>x</sub> -to-NO <sub>2</sub> Conversion .....         | 6-4 |
| 6.3.6 | PM <sub>2.5</sub> Emissions.....                             | 6-4 |
| 6.4   | Scaling Factors .....                                        | 6-4 |
| 7.    | Models Proposed and Modeling Techniques .....                | 7-1 |
| 7.1   | Model Options .....                                          | 7-1 |
| 7.2   | Modeling Approach – Preliminary Impact Determination.....    | 7-1 |
| 7.2.1 | Modeled Emission Rates for Precursors (MERPs) Analysis ..... | 7-1 |
| 7.2.2 | Single Source Secondary O <sub>3</sub> Analysis.....         | 7-2 |
| 7.2.3 | Area of Significant Impact (AOI) Analysis.....               | 7-2 |
| 7.2.4 | PSD Analysis.....                                            | 7-3 |
| 7.3   | Modeling Approach – Full Impact Analysis .....               | 7-3 |
| 7.3.1 | NAAQS Analysis .....                                         | 7-4 |
| 7.3.2 | PSD Increment Consumption Analysis .....                     | 7-4 |

|      |                                                  |      |
|------|--------------------------------------------------|------|
| 8.   | Selection of Dispersion Option .....             | 8-1  |
| 9.   | Building Wake Effects .....                      | 9-1  |
| 10.  | Receptor Grids .....                             | 10-1 |
| 11.  | Meteorological Data .....                        | 11-1 |
| 12.  | Modeling Results .....                           | 12-1 |
| 13.  | Class I Area Impact Analysis .....               | 13-1 |
| 13.1 | Class I Area Increment Analysis .....            | 13-1 |
| 14.  | State-Only Air Quality Impact Analyses.....      | 14-1 |
| 14.1 | TCEQ State Property Line Standard Analysis ..... | 14-1 |
| 14.2 | Health Effects Analysis .....                    | 14-1 |

## List of Tables

|            |                                                                           |      |
|------------|---------------------------------------------------------------------------|------|
| Table 2-1  | Prevention of Significant Deterioration Regulatory Threshold Evaluation . | 2-2  |
| Table 5-1  | Proposed Ambient Air Background Monitors and Data.....                    | 5-1  |
| Table 5-2  | Monitoring De Minimis Levels .....                                        | 5-2  |
| Table 8-1  | Summary of AERSURFACE Inputs and Outputs .....                            | 8-1  |
| Table 11-1 | Summary of Meteorological Data Selection .....                            | 11-1 |

## List of Appendices

|            |                                                      |
|------------|------------------------------------------------------|
| Appendix A | Project Source Parameters and Emission Rates Modeled |
| Appendix B | TCEQ Electronic Modeling Evaluation Workbook         |



# Section 1

## Project Identification Information

---

This document presents the proposed air dispersion modeling for evaluating the air quality impacts resulting from the construction of a new natural gas-fired combined cycle power plant on an approximately 5,855-acre site in Carson County, Texas.

TRC Environmental Corporation (TRC) has prepared this protocol following written and verbal methodologies and procedures of the Texas Commission on Environmental Quality (TCEQ) and United States Environmental Protection Agency (USEPA).

To simplify the review of this protocol, it has been written to closely follow the order of the items listed in the Reporting Requirements (Appendix P) of the TCEQ's *Air Quality Modeling Guidelines, APDG 6232, June 2024* (AQMG).

|                             |                               |
|-----------------------------|-------------------------------|
| Applicant:                  | Fermi Equipment Holdco, LLC   |
| Facility:                   | Project Matador               |
| Regulated Entity Number:    | TBD                           |
| Permit Application Numbers: | TBD                           |
| Nearest City:               | Amarillo                      |
| County:                     | Carson County                 |
| Applicant's Modeler:        | TRC Environmental Corporation |

## Section 2

# Project Overview

---

Fermi Equipment Holdco, LLC (dba Fermi America) is proposing to construct a new natural gas-fired combined cycle power plant on an approximately 5,855-acre site in Carson County, Texas. The new power plant (the Project) will operate under the name Project Matador. Project Matador will provide electricity to an on-site Artificial Intelligence-focused data center campus and will not be capable of selling electricity to or receiving power from the local utility power distribution system.

The Project will consist of the installation of Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines and HRSGs equipped with Selective Catalytic Reduction (SCR) and an oxidation catalyst system for emissions control, and ancillary equipment. The Project's nominal generation capacity will be approximately 6,000 megawatts (MW). The turbines will be fired exclusively with pipeline quality natural gas.

An air quality analysis (AQA) will be conducted to demonstrate that emissions associated with this project will not cause or contribute to an exceedance of the National Ambient Air Quality Standards (NAAQS), Prevention of Significant Deterioration (PSD) increment consumption limits, or TCEQ property line standards. Impacts from the proposed project will not cause or contribute to adverse health effects, odor nuisance potentials, or effects with respect to vegetation or corrosion. Additionally, impacts from the proposed project will not cause or contribute to adverse effects with respect to growth, visibility, and soils.

### 2.1 Type of Permit Review

Carson County is designated as an attainment or unclassifiable area with respect to the NAAQS for all criteria pollutants. The Project will result in emissions of nitrogen oxides (NO<sub>x</sub>), volatile organic compounds (VOC), carbon monoxide (CO), particulate matter (PM), particulate matter with diameters of 10 microns or less (PM<sub>10</sub>), particulate matter with diameters of 2.5 microns or less (PM<sub>2.5</sub>), sulfur dioxide (SO<sub>2</sub>), sulfuric acid (H<sub>2</sub>SO<sub>4</sub>), hydrogen sulfide (H<sub>2</sub>S) and ammonia (NH<sub>3</sub>). Under the federal New Source Review (NSR) program, this Project will trigger PSD review for Ozone as VOC and NO<sub>x</sub> emissions, CO, PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>x</sub>, H<sub>2</sub>SO<sub>4</sub>, and SO<sub>2</sub>.

Table 2-1 below provides a summary of the PSD emission significance for each PSD-regulated pollutant.

**Table 2-1 Prevention of Significant Deterioration Regulatory Threshold Evaluation**

| Pollutant                      | Potential to Emit (tpy) | PSD Major Source Threshold (tpy) | Exceeds Threshold? | PSD SER (tpy) | Exceeds Threshold? | PSD Review Applies? |
|--------------------------------|-------------------------|----------------------------------|--------------------|---------------|--------------------|---------------------|
| NO <sub>x</sub>                | 1,591.48                | 250                              | Yes                |               |                    | Yes                 |
| CO                             | 2,140.86                | 250                              | Yes                |               |                    | Yes                 |
| SO <sub>2</sub>                | 282.28                  | 250                              | Yes                |               |                    | Yes                 |
| PM                             | 1,075.12                | 250                              | Yes                |               |                    | Yes                 |
| PM <sub>10</sub>               | 1,025.80                | 250                              | Yes                |               |                    | Yes                 |
| PM <sub>2.5</sub>              | 976.69                  | 250                              | Yes                |               |                    | Yes                 |
| VOC                            | 581.75                  | 250                              | Yes                |               |                    | Yes                 |
| H <sub>2</sub> SO <sub>4</sub> | 43.20                   | 250                              | No                 | 7             | Yes                | Yes                 |

## 2.2 Air Constituents Evaluated

As discussed in Section 2.1, the project will trigger PSD review for NO<sub>x</sub>, CO, SO<sub>2</sub>, H<sub>2</sub>SO<sub>4</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. To satisfy PSD review requirements, these pollutants were evaluated for comparison with the NAAQS and PSD increment consumption limits.

The TCEQ has implemented a state-specific procedure for evaluation of ground-level concentrations of SO<sub>2</sub>, hydrogen sulfide (H<sub>2</sub>S), and H<sub>2</sub>SO<sub>4</sub>. Additionally, TCEQ requires a Modeling and Effects Review Applicability (MERA) assessment of air toxics for which Effects Screening Levels (ESLs) have been established. An electronic copy of the TCEQ's Electronic Modeling Evaluation Workbook (EMEW) summarizing the inputs and results of the TCEQ state modeling conducted for the Project will be provided.

## Section 3

# Area Map

---

The Project will be situated on an approximately 5,855-acre site in Carson County, Texas, devoted to the power generation facilities and data center campus. The site is located approximately 15 miles northeast of Amarillo, TX along US Hwy 60, near intersection of US Hwy 60 and FM2373 on north side of the road.

An Area Map (Figure 1-1) illustrating the location of the property and surrounding area is included with the application. The area map includes a true north arrow, accurate scale, the entire plant property, the location of the property relative to prominent geographical features, and significant landmarks. It includes a circle of 3,000-ft radius and a circle of one-mile radius from the property boundary. The area map includes current aerial photography to depict the land use surrounding the property.

The Area Map shows schools located within a 3,000-ft radius from the site as well as the nearest receptors (permanently occupied off-site structures).

## Section 4

# Plot Plan

---

Plot Plans were developed to show the scale, north direction, two benchmark locations, all property lines, and all emission points associated with the facilities to be permitted. Fencing will be in place along all property boundaries. The plot plans are included in Figures 1-2, 1-2A, and 1-2B submitted with the application.

A detailed modeling plot plan showing the names and locations of all emission points and structures relative to the property boundary will be provided with the AQA.

## Section 5

# Air Quality Monitoring Data

Estimates for the current ambient air background concentrations at the proposed project site may be required for two distinct and separate purposes: (1) to demonstrate that the ambient air concentrations of PSD-significant pollutants are currently in compliance with the NAAQS and (2) for use in a full impact NAAQS modeling analysis.

### 5.1 Available Background Concentrations

Based on a review of the United States Environmental Protection Agency (USEPA)'s AirData website, Fermi America proposes using data collected at monitoring stations selected following guidance from the TCEQ's *Air Quality Modeling Guidelines* (AQMG) in selecting the form of the monitored concentration for each pollutant and averaging period, as shown in Table 5-1. The data collected from these monitors meets USEPA requirements for completeness.

**Table 5-1 Proposed Ambient Air Background Monitors and Data**

| Pollutant         | Monitor Name and Monitor ID                            | County  | Averaging Period | Background Concentration |                              | Form                                                                             |
|-------------------|--------------------------------------------------------|---------|------------------|--------------------------|------------------------------|----------------------------------------------------------------------------------|
|                   |                                                        |         |                  | (ppb)                    | ( $\mu\text{g}/\text{m}^3$ ) |                                                                                  |
| NO <sub>2</sub>   | Calaveras Lake<br>48-029-0059                          | Bexar   | 1-hour           | 34                       | 63.92                        | 3-Year Average of 98 <sup>th</sup> Percentiles of the Daily Maximums - 2022-2024 |
|                   |                                                        |         | Annual           | 5                        | 9.40                         | 1-Year Average of 1st Highs 2024                                                 |
| PM <sub>10</sub>  | Earhart<br>48-113-0061                                 | Dallas  | 24-hour          |                          | 68                           | 3-Year Max of 2nd Highs 2022-2024                                                |
| PM <sub>2.5</sub> | East 12 <sup>th</sup> Street<br>Lubbock<br>48-135-1014 | Lubbock | 24-hour          |                          | 17                           | 3-Year Average of 98 <sup>th</sup> Percentiles of the Daily Maximums - 2022-2024 |
|                   |                                                        |         | Annual           |                          | 5                            | 3-Year Average of 1st Highs 2022-2024                                            |
| SO <sub>2</sub>   | NE 24 <sup>th</sup> Street<br>Amarillo<br>48-375-1025  | Potter  | 1-hour           | 17.3                     | 45                           | 3-Year Average of 99 <sup>th</sup> Percentiles of the Daily Maximums - 2022-2024 |
|                   |                                                        |         | Annual           | 0.4                      | 0.9                          | 3-Year Average of 1st Highs 2022-2024                                            |
| CO                | San Marciel Street<br>El Paso<br>48-141-1044           | El Paso | 1-hour           |                          | 5                            | Most Recent Year 1 <sup>st</sup> High                                            |
|                   |                                                        |         | 8-hour           |                          | 3                            | Most Recent Year 1 <sup>st</sup> High                                            |
| O <sub>3</sub>    | Ivanhoe<br>48-141-0029                                 | El Paso | 8-hour           | 64 ppb                   |                              | 3-Year Average of 4th Highs 2022-2024                                            |

The appropriateness of using data from these monitoring stations to establish representative background concentrations will be included with the modeling.

Following guidance contained in TCEQ's AQMG, TCEQ's *Background Concentration Determination for Use in NAAQS Analyses*, September 2, 1998, and USEPA's *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD)*, USEPA-450/4-87-007, May 1987 Fermi America concludes, as described below, that the air quality monitoring data used to establish background concentrations is representative of the area around the Project.

TCEQ's 2023 Point Source Emission Inventory (PSEI) data will be used to compare emissions within 10 km of the Project and emissions within 10 km of the selected monitors. In addition, EPA's 2020 National Emissions Inventory (NEI) data will be used to compare county-wide emissions for the Project and the selected monitors.

A map showing the locations of the proposed ambient air monitoring sites will be provided in the AQA.

## 5.2 PSD Ambient Monitoring Requirement

PSD review may require projects to conduct pre-construction ambient monitoring to characterize existing ambient air quality. However, if dispersion model predicted impacts are less than USEPA's Monitoring De Minimis Concentrations (also called significant monitoring concentrations [SMCs]), as shown in Table 5-2, preconstruction monitoring would be waived.

**Table 5-2 Monitoring De Minimis Levels**

| Pollutant                                                                                                                                                                                                                                                                                                                    | Averaging Period | Monitoring De Minimis Level  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|
|                                                                                                                                                                                                                                                                                                                              |                  | ( $\mu\text{g}/\text{m}^3$ ) |
| CO                                                                                                                                                                                                                                                                                                                           | 8-hour           | 575                          |
| NO <sub>2</sub>                                                                                                                                                                                                                                                                                                              | Annual           | 14                           |
| PM <sub>10</sub>                                                                                                                                                                                                                                                                                                             | 24-hour          | 10                           |
| PM <sub>2.5</sub>                                                                                                                                                                                                                                                                                                            | 24-hour          | -- <sup>a</sup>              |
| SO <sub>2</sub>                                                                                                                                                                                                                                                                                                              | 24-hour          | 13                           |
| O <sub>3</sub>                                                                                                                                                                                                                                                                                                               | 8-hour           | -- <sup>b</sup>              |
| Notes:<br><sup>a</sup> Per Sierra Club vs. USEPA, the pre-construction requirement cannot be waived for PM <sub>2.5</sub> .<br><sup>b</sup> Ozone ambient impact analysis is required, including pre-construction monitoring, when a project proposes a net emission increase of 100 tpy or more of NO <sub>x</sub> or VOCs. |                  |                              |

The DC Circuit Court vacated the PM<sub>2.5</sub> SMC in its 2013 ruling (*Sierra Club vs. USEPA*), ruling that the USEPA could not “waive” the pre-construction monitoring requirement for PM<sub>2.5</sub>. Subsequent USEPA guidance indicates that existing air quality monitoring data, if deemed representative, can be used to satisfy pre-construction monitoring requirements.



# Section 6

## Modeling Emissions Inventory

---

### 6.1 On-Property Sources

As discussed in Section 2, Fermi America is submitting a permit application to authorize a new natural gas-fired combined cycle power plant. Emission sources associated with the Project include:

- Fifteen (15) 6-on-1 CCCT generator configurations with Siemens Energy SGT-800 combustion turbines and HRSGs equipped with Selective Catalytic Reduction (SCR) and an oxidation catalyst system for emissions control;
- Two (2) ULSD black start engine generators;
- Six (6) ultra-low-sulfur diesel (ULSD) emergency generator engines;
- Two (2) ULSD fire suppression system pump engines;
- Four (4) ULSD storage tanks;
- Fifteen (15) cooling towers;
- Combustion lube oil recirculation systems with lube oil vents for each combustion turbine generator (CTG);
- Piping component fugitive emissions from the natural gas system and SCR ammonia system piping components; and
- Turbine maintenance activities that are inherently low emitting (ILE).

A table summarizing the project-related emission sources and the emission rates modeled are included in Appendix A.

### 6.2 Off-Property Sources

Off-property sources with the potential to contribute to the area of significant impact will be included in the modeling for those constituents and averaging periods that are over the SIL.

The off-property sources will be obtained from the TCEQ by requesting a retrieval of the Air Permits Allowable Database (APAD). The APAD system is the TCEQ's representation of a complete inventory and replaced the Point Source Data Base (PSDB) in 2013. The TCEQ published a *"Fact Sheet – Air Dispersion Modeling Retrievals from the Air Permits Allowable Database"*

(APAD)” which states that compared to PSDB retrievals, primary and secondary are no longer used and only sources within 50 km of the coordinates provided will be used. Therefore, the APAD retrieval that will be used in the modeling includes all sources that are within a 50 km radius of the Project.

The APAD sources will be reviewed for completeness and accuracy. In many cases, source parameters may be missing from APAD. Attempts will be made to obtain actual parameters through the review of TCEQ online records (emission inventories and permit applications). Where actual data is not able to be determined, TCEQ default pseudo-point parameters will be used.

## **6.3 Stack Parameter Justification**

### **6.3.1 Good Engineering Practice Stack Height**

Each source will be modeled at its physical release height or at the BPIP-calculated GEP stack height, whichever is lower.

### **6.3.2 Stack Parameters – Project Sources**

The emission release parameters for on-site sources are presented below:

#### **Turbine Stacks**

The turbine stacks (EPNs: HRSGA1 – HRSGA18, HRSGB1 - HRSGB18, HRSGC1 - HRSGC18, HRSGD1 - HRSGD18, HRSGE1 – HRSGE18 ) will be modeled as point sources with exhaust parameter values (i.e., velocities, diameters, and temperatures) properly identified to calculate the buoyancy and momentum rise of their emissions. The stack parameter values will be based on engineering design information.

#### **Engines**

The firewater pumps (EPNs: FPUMP1 and FUMP2), emergency engines (EPNs: EGEN1 through EGEN6), and black start generators (EPNs: ENGINE-1 and ENGINE-2) will be modeled as point sources with exhaust parameter values (i.e., velocities, diameters, and temperatures) properly identified to calculate the buoyancy and momentum rise of their emissions. The stack parameter values will be based on engineering design information.

#### **Fugitive Source Parameters**

Fugitive emissions from the cooling towers (EPNs: CT-1 through CT-15) will be modeled as a pseudo-point source at the vent’s approximate release height.

Fugitive emissions from the lube oil vents (EPNs: LOV1 through LOV90) will be modeled as a pseudo-point source at the vent's approximate release height.

Natural gas component fugitives (EPN: NGFUG) corresponding to potential piping losses will be modeled as a small 1 meter x 1 meter area source with a release height of 1 meter.

Ammonia component fugitives (EPN: NH3FUG) correspond to potential piping losses surrounding the Selective Catalyst Reduction (SCR) units. These fugitive emissions will be modeled as a small 1 meter x 1 meter area source with a release height of 1 meter.

Proposed inherently low emitting (ILE) turbine maintenance activities (EPN: MSSFUG) that may generate fugitive emissions will be modeled as a small 1 meter x 1 meter area source with a release height of 1 meter.

Diesel storage tanks (EPN: TNK-DSL1 through TNK-DSL4) will be modeled as a small 1 meter x 1 meter area source with a release height of 9.1 meter, corresponding to the tank top.

### **6.3.3 Turbine Startup Shutdown Scenarios**

Higher emission rates have been quantified for NO<sub>x</sub> and CO to account for turbine startup/shutdown (SU/SD). These emissions were conservatively modeled as occurring every hour of the year. The submitted modeling will include a detailed description of the modeled emissions scenarios involving startup and shutdown operations.

### **6.3.4 Emergency Equipment Emissions**

The project includes six diesel-fired emergency generators (EPNs: EGEN1 through EGEN6) and two diesel-fired firewater pumps (EPNs: FPUMP1 and FUMP2). Emissions associated with the emergency readiness testing of these engines will be modeled.

Fermi America plans to test the emergency equipment according to the manufacturer's recommended testing schedules. A typical testing schedule for emergency engines is testing each engine once per month for a period of approximately 60 minutes. The modeling included a maximum of 60 minutes of testing emissions for the following modeled averaging periods: 8-hour CO, 24-hour PM<sub>10</sub>, and 24-hour PM<sub>2.5</sub>. Specifically, 8-hour emissions will equal the hourly emissions multiplied by 1/8, and 24-hour emissions will equal the hourly emissions multiplied by 1/24.

The USEPA's Additional Clarification Regarding Application of Appendix W Modeling Guidance for the 1-hour NO<sub>2</sub> National Ambient Air Quality Standard; March 1, 2011 states that compliance demonstrations for the 1-hour NO<sub>2</sub> NAAQS be based on emission scenarios that can logically be assumed to be relatively continuous or which occur frequently enough to contribute significantly to the annual distribution of daily maximum 1-hour concentrations. As such, the 1-hour NO<sub>2</sub> emissions associated with these intermittent sources will be modeled per USEPA guidelines, multiplying the maximum hourly emission rate by the ratio of the proposed hours per year and total available hours per year. The emission calculations include a conservative annual emissions estimate corresponding to 100 hours per year. Therefore, the modeling of 1-hour NO<sub>2</sub> emissions associated with these intermittent sources will be conservatively modeled using the annualized emissions testing schedule.

The emissions associated with emergency equipment operating during an actual emergency will not be modeled because the proposed authorization does not include such emissions.

#### **6.3.5 NO<sub>x</sub>-to-NO<sub>2</sub> Conversion**

Following guidance included in the USEPA's *Guideline on Air Quality Models; Appendix W to 40 CFR Part 51; January 17, 2017*; the Tier 2 default Ambient Ratio Method 2 (ARM2) NO<sub>x</sub>-to-NO<sub>2</sub> conversion will be utilized within the AERMOD model. The Appendix W default minimum ambient ratio of 0.5 and the maximum ambient ratio of 0.9 will be used.

#### **6.3.6 PM<sub>2.5</sub> Emissions**

The secondary PM<sub>2.5</sub> impacts will be estimated using guidance from the Appendix R of the TCEQ's AQMG. This TCEQ guidance is based on the USEPA's *Guidance on the Development of Modeled Emission Rates for Precursors (MERPs) as a Tier 1 Demonstration Tool for Ozone and PM<sub>2.5</sub> under the PSD Permitting Program, April 30, 2019*. MERPs derived using the USEPA's photochemical modeling results for hypothetical sources located in Texas will be used to estimate the air quality PM<sub>2.5</sub> impacts associated with project-related emissions of NO<sub>x</sub> and SO<sub>2</sub>. These conservative secondary PM<sub>2.5</sub> impact estimates will be included in the preliminary impact determination, full impact NAAQS and full impact PSD increment consumption analyses.

### **6.4 Scaling Factors**

No additional scalars or factors are anticipated to be used in the modeling analyses.

## Section 7

# Models Proposed and Modeling Techniques

---

The American Meteorological Society / Environmental Protection Agency Regulatory Model (AERMOD), Version 24142, will be used to perform the dispersion modeling. AERMOD is the latest generation of atmospheric dispersion models suitable for industrial sources and is the model preferred by the USEPA for such applications. To facilitate the running of AERMOD, the Providence/ORIS's "BEE-Line BEEST for Windows" graphic user interface (Version 12.13) will be used.

### 7.1 Model Options

The following model options will be used in the application of the AERMOD modeling:

- Regulatory default option enabled.
- A low roughness parameter will be used based on the results of the analysis described in Section 8.
- Elevated terrain will be used for modeling the area around the project site.
- All project sources will be modeled at their actual release heights.
- Modeling receptors will be placed to a distance that clearly identifies the area of impact. The receptor grid spacing is discussed in Section 10.

### 7.2 Modeling Approach – Preliminary Impact Determination

A preliminary impact determination will be conducted to commence the modeling analysis. The purpose of the preliminary analysis is to determine whether proposed emissions from the project sources have a "significant" impact on the existing air quality. The various preliminary modeling analyses are described in the sections below.

#### 7.2.1 Modeled Emission Rates for Precursors (MERPs) Analysis

As described in Section 6.3.6, a Tier 1 approach will be used to estimate the secondary PM<sub>2.5</sub> impacts associated with the project-related precursor emissions. The secondary PM<sub>2.5</sub> impacts will be estimated using guidance from the Appendix R of the TCEQ's AQMG. That guidance is based on the USEPA's *Guidance on the Development of Modeled Emission Rates for Precursors (MERPs) as a Tier 1 Demonstration Tool for Ozone and PM<sub>2.5</sub> under the PSD Permitting Program*, April 30, 2019. MERPs derived using the USEPA's photochemical modeling results for hypothetical sources located in Texas will be used to

estimate the air quality secondary PM<sub>2.5</sub> impacts associated with project-related emissions of NO<sub>x</sub> and SO<sub>2</sub>. These secondary PM<sub>2.5</sub> impacts will be included in the preliminary impact determination, full impact NAAQS and full impact PSD increment consumption analyses.

### **7.2.2 Single Source Secondary O<sub>3</sub> Analysis**

Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants. An analysis of the formation of secondary O<sub>3</sub> is necessary when emissions from a new major PSD source will exceed the PSD SERs for O<sub>3</sub> precursors (i.e., 40 tpy increases for either VOCs or NO<sub>x</sub>). If a source triggers PSD for O<sub>3</sub> based on either NO<sub>x</sub> or VOC emissions exceeding the PSD SER, then the MERP analysis must consider both NO<sub>x</sub> and VOC emissions. If required, an ozone impact analysis will be conducted following TCEQ Guidelines and USEPA guidance (USEPA, 2022).

Since ozone is formed from precursor emissions, it cannot be modeled using a traditional point source model such as AERMOD. As part of the most recent revision to the USEPA Guideline on Air Quality Modeling (40 CFR Part 51, Appendix W), USEPA promulgated a two-tier approach for addressing single-source impacts on ozone:

- Tier 1 – The first tier involves use of appropriate and technically credible relationships between emissions and ambient impacts developed from existing modeling studies deemed sufficient for evaluating a project's impact. USEPA has developed MERPs as a Tier 1 demonstration tool for ozone.
- Tier 2 – The second tier involves a more sophisticated case-by-case application of chemical transport modeling.

The assessment of ozone formation from the Project's precursor emissions will first be conducted using USEPA's Tier 1 demonstration tool for estimating single-source secondary impacts, USEPA MERPs. In TCEQ's Modeling Guidance, modeled impacts from hypothetical industrial sources located in Texas are presented for use in a MERP analysis, as obtained from USEPA's MERP guidance. Tables Q-2 and Q-3 of TCEQ's Modeling Guidance lists hypothetical MERP values from all of the hypothetical industrial sources located in Texas. If Tier 1 analysis does not demonstrate compliance, TCEQ will be consulted to discuss a Tier 2 analysis.

### **7.2.3 Area of Significant Impact (AOI) Analysis**

A preliminary impact determination is conducted to determine if the predicted off-property concentrations associated with the proposed increase in PSD-significant emissions are greater than the USEPA's SILs. No further modeling is required to

demonstrate compliance if the maximum predicted concentration is below the SIL. If the maximum predicted concentration is equal to or greater than the SIL, all on-site sources must be included in a full impact modeling analysis. Contributions from off-site sources that may impact the AOI are accounted for using ambient air monitoring data or by direct inclusion in the full impact modeling analysis. The AOI is defined as all locations with predicted concentrations that are equal to or greater than the established SILs. An ambient background concentration is added to the full impact modeling results to complete the NAAQS demonstration.

Preliminary impact determination modeling will be conducted for PSD-significant emissions of CO, NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and SO<sub>2</sub> to determine whether a full impact modeling analysis is required for each pollutant and averaging period. The modeling results will be used to determine whether the predicted concentrations are greater than the SIL for each pollutant and averaging period.

#### **7.2.4 PSD Analysis**

For PSD analyses, a preliminary impact determination is conducted to determine if the predicted off-property concentrations associated with the proposed increase in PSD-significant emissions are greater than the USEPA's SMCs. If the maximum predicted concentration is less than the SMC, the demonstration is complete and no preconstruction ambient air quality monitoring is required. If the maximum concentration is greater than the SMC, representative monitoring background concentrations are collected to establish the existing air quality for the area.

Preliminary impact determination modeling will be conducted for PSD-significant emissions of CO, NO<sub>2</sub>, PM<sub>10</sub>, and SO<sub>2</sub> for comparison with the SMCs. A preliminary impact determination will not be conducted for PM<sub>2.5</sub>. Representative monitoring background PM<sub>2.5</sub> concentrations are collected to establish the existing air quality for the area.

### **7.3 Modeling Approach – Full Impact Analysis**

Full impact modeling analyses will be conducted for comparison with the NAAQS and PSD increment consumption limits for pollutants and averaging periods with preliminary impacts equal to or greater than the SIL. These modeling analyses that may be conducted are described in the sections below.

### **7.3.1 NAAQS Analysis**

NAAQS have been established for CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Compliance with the NAAQS must be demonstrated for sources with PSD-significant emissions. As discussed in Section 2.1, PSD applies to the proposed emissions of CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. If impacts exceed SIL, a NAAQS analysis will be performed for requisite pollutants and averaging periods.

### **7.3.2 PSD Increment Consumption Analysis**

PSD increment consumption limits currently exist for NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Compliance with the PSD increment consumption limits must be demonstrated for sources with PSD-significant emissions. As discussed in Section 2.1, PSD applies to the proposed emissions of NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>.

A preliminary impacts determination will first be conducted using project-related emissions to determine if a detailed PSD increment consumption analysis is required. A full impact analysis will then be performed for applicable emissions for comparison to the PSD increment consumption limits. This analysis will include PSD increment-consuming emissions from project sources and from existing and proposed PSD increment-consuming emission sources affecting the project's impact area, as listed in the TCEQ APAD inventory system and provided in the TCEQ permit file system.



## Section 8

# Selection of Dispersion Option

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A determination of the albedo, Bowen ratio, and surface roughness length of the modeling domain must be made before an atmospheric dispersion model can be run. The TCEQ has determined the albedo values and Bowen ratios for each county in Texas. In order to maintain consistency in the modeling of all proposed projects in Texas, the TCEQ has created pre-processed meteorological data sets for the three general roughness lengths that cover each county in Texas. The modeling method preferred by the TCEQ is to choose one of these three roughness lengths based on a review of the modeling domain.

TCEQ modeling staff has provided *Air Dispersion Modeling Team Initiative to Update Meteorological Data, November 2022* as a reference in determining the appropriate roughness length for meteorological data set selection. Following this guidance, the USEPA's AERSURFACE tool was utilized to determine the surface roughness length for this project. A surface roughness of 0.075 meters was obtained for the project location, as shown below on Table 8-1. This is within the 0.001 to 0.1 range stated in the referenced TCEQ AERMOD Training document for Category 1 for the TCEQ's "low surface roughness" meteorological dataset. Therefore, the "low surface roughness" meteorological data set will be utilized in the modeling analysis. AERSURFACE files input and output files have been included in the electronic files submitted to the TCEQ.

**Table 8-1**      **Summary of AERSURFACE Inputs and Outputs**

|                                        |              |
|----------------------------------------|--------------|
| AERSURFACE Version Number:             | 24142        |
| Center UTM Easting (m):                | 265774       |
| Center UTM Northing (m):               | 3907506      |
| NLCD Land Cover (year)                 | 2021         |
| NLCD Impervious Surface (year)         | 2021         |
| NLCD Tree Canopy (year)                | 2021         |
| Study Radius (km)                      | 1            |
| Airport?                               | No           |
| Continuous Snow Cover                  | No           |
| Surface Moisture                       | Average      |
| Arid Region?                           | No           |
| Month/Season Assignment                | Default      |
| Surface Roughness Length [ $Z_0$ ] (m) | <b>0.075</b> |

## Section 9

# Building Wake Effects

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Building downwash effects will be included in the modeling based on guidance provided in the USEPA's *User's Guide to the Building Profile Input Program*, USEPA-454/R-93-038, October 1993 (Revised April 12, 2004). The USEPA currently requires that all building downwash be determined using the USEPA Building Profile Input Program (BPIP-PRM) subroutine. Providence/Oris 's "BEE-Line BEEST for Windows" will be used for calculating downwash parameters for this analysis. This program includes downwash software which uses the latest BPIP-PRM subroutine (Version 04274) in its calculations.

Information regarding the project structures will be entered into the BPIP-based software program. The downwash parameter values will be calculated for each point source by the software program and inserted into the AERMOD input files in the appropriate locations and formats.

Tables listing the building and tank downwash structures used in the modeling will be included in the AQA.

## Section 10

# Receptor Grids

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The receptor grids used in the preliminary and full impacts analyses will follow the guidelines provided by the TCEQ in their AQMG. The NAD83 datum will be used for the receptor UTM coordinates. Providence/ORIS's "BEE-Line BEEST for Windows" will be used to calculate the appropriate domain boundaries. The USEPA AERMAP program (Version 24142) will be used to calculate (interpolate) the terrain elevations and local terrain maximums.

The receptor coverage utilized for the impact analyses will consist of the following:

- 25-meter spaced receptors along the fence line to a distance of 300 meters;
- 100-meter spaced receptors to a distance of one kilometer from the fence line;
- 500-meter spaced receptors to a distance of five kilometers from the fence line; and
- 1,000-meter spaced receptors to a distance up to 50 kilometers to ensure that (1) the maximum predicted concentration is located, (2) all locations with predicted concentrations greater than the SILs were identified and (3) that concentration gradients associated with the project related emissions clearly decrease in magnitude outside of the AOIs.

The receptor grids will be designed to capture the maximum off-property ground-level concentrations for all pollutants, operating scenarios, and review types.

# Section 11

## Meteorological Data

The air dispersion modeling for the Project will be performed using AERMOD-ready meteorological data for Carson County made available and approved through the TCEQ.

A summary of relevant information regarding the meteorological data selection is provided on Table 11-1 below.

**Table 11-1 Summary of Meteorological Data Selection**

|                                                     |                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------|
| Surface Station ID:                                 | 23047 – AMA                                                                  |
| Upper Air Station ID:                               | 23047 – AMA                                                                  |
| Profile Base Elevation, (m):                        | 1,098                                                                        |
| AERMET Version Number:                              | 22112                                                                        |
| Was TCEQ pre-processed data used?                   | Yes                                                                          |
| TCEQ pre-processed data surface roughness category: | Low                                                                          |
| Data Set Used for 1 Year Analyses:                  | 2020                                                                         |
| Data Sets Used for 5 Years Analyses:                | 2017, 2018, 2019, 2020, 2021                                                 |
| Which analyses relied on 1 year?                    | State Property Line;<br>State Health Effects                                 |
| Which analyses relied on 5 years?                   | NO <sub>2</sub> , CO, SO <sub>2</sub> , PM <sub>10</sub> , PM <sub>2.5</sub> |

Pre-processed meteorological data consisted of surface data and upper air data from the Amarillo International Airport (Surface ID AMA; NWS Station Number 23047)). The TCEQ processed the data using AERMET (Version 22112) and incorporated AERMINUTE data along with a low wind speed threshold of 0.5 m/s. More details regarding the pre-processed meteorological data are available on the TCEQ website.

The most recent five years of representative meteorological data (2017, 2018, 2019, 2020 and 2021) available from the TCEQ will be utilized in the NAAQS and PSD increment analyses. For the state property line and state health effects analysis modeling, a single year of representative meteorological data (2020) will be used.

The base elevation for the Amarillo International Airport station is 1,098 meters. As discussed in Section 8, the TCEQ-developed “low” surface roughness value will be utilized.

## Section 12

# Modeling Results

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The results of the dispersion modeling that is conducted for NO<sub>2</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> to demonstrate compliance with the NAAQS and PSD increments modeling will be included in the final submittal. Copies of all modeling input and output files will be included in the electronic files submitted to the TCEQ.

## Section 13

# Class I Area Impact Analysis

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### 13.1 Class I Area Increment Analysis

Predicted concentrations of annual NO<sub>2</sub>, 3-hour SO<sub>2</sub>, 24-hour SO<sub>2</sub>, annual SO<sub>2</sub>, 24-hour PM<sub>10</sub>, annual PM<sub>10</sub>, 24-hour PM<sub>2.5</sub>, and annual PM<sub>2.5</sub> will be modeled using the AERMOD model to determine the significance of ambient impacts at or about 50 kilometers (km) from the Project site in the direction of the nearest Class I areas, which are beyond 100-km from the Project. The PM<sub>2.5</sub> model predicted impacts will include results from secondary formation of PM<sub>2.5</sub> using distance-dependent Modeled Emission Rates for Precursors (MERPs) at distances appropriate to the nearest Class I areas.

Class I screening receptors will be developed by placing a ring of receptors at or about 50 km from the Project site. Actual Class I receptors and heights for the nearest Class I areas will be obtained from the National Park Service. Screening receptors within an arc subtended by the minimum and maximum angular directions to the Class I areas will be assigned all of the heights within that Class I area in order to develop a set of representative screening receptors at or about 50 km from the Project. Visibility and Air Quality-Related Values (AQRV)

The Project is located beyond 100 km from the nearest Class I area and therefore would not require a Class I visibility and AQRV analysis. Further, with attenuation below increment significance levels at Class I area distances we would not expect adverse impacts on any Class I area including visibility impairment or adverse effects on AQRVs.

## Section 14

# State-Only Air Quality Impact Analyses

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### 14.1 TCEQ State Property Line Standard Analysis

TCEQ has implemented a state-specific procedure for evaluation of ground-level concentrations of SO<sub>2</sub>, H<sub>2</sub>S, and H<sub>2</sub>SO<sub>4</sub>. The Project will provide the TCEQ Electronic Modeling Evaluation Workbook (EMEW) demonstrating compliance with all applicable TCEQ State Property Line standards.

### 14.2 Health Effects Analysis

TCEQ has also implemented a state-specific procedure to evaluate off-property ground-level concentrations of pollutants which do not have a federal or state-level standard. These pollutants are compared against the state's ESLs, which are updated regularly to incorporate new toxicology data. The Project will follow the tiered MERA process as outlined in the TCEQ guidance (TCEQ, 2018). An EMEW has been provided in Appendix B, summarizing the proposed stack parameters and emission rates.

# **Appendix A**

## **Project Source Parameters and Emission Rates Modeled**

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| EPN      | Model ID | Description      | Easting | Northing  |
|----------|----------|------------------|---------|-----------|
|          |          |                  | m       | m         |
| CT-1     | CT_1     | Cooling Tower 1  | 262,690 | 3,908,590 |
| CT-2     | CT_2     | Cooling Tower 2  | 262,710 | 3,908,590 |
| CT-3     | CT_3     | Cooling Tower 3  | 262,730 | 3,908,590 |
| CT-4     | CT_4     | Cooling Tower 4  | 262,990 | 3,908,590 |
| CT-5     | CT_5     | Cooling Tower 5  | 263,010 | 3,908,590 |
| CT-6     | CT_6     | Cooling Tower 6  | 263,030 | 3,908,590 |
| CT-7     | CT_7     | Cooling Tower 7  | 269,120 | 3,908,600 |
| CT-8     | CT_8     | Cooling Tower 8  | 269,140 | 3,908,600 |
| CT-9     | CT_9     | Cooling Tower 9  | 269,160 | 3,908,600 |
| CT-10    | CT_10    | Cooling Tower 10 | 269,600 | 3,908,550 |
| CT-11    | CT_11    | Cooling Tower 11 | 269,620 | 3,908,550 |
| CT-12    | CT_12    | Cooling Tower 12 | 269,640 | 3,908,550 |
| CT-13    | CT_13    | Cooling Tower 13 | 270,100 | 3,908,700 |
| CT-14    | CT_14    | Cooling Tower 14 | 270,120 | 3,908,700 |
| CT-15    | CT_15    | Cooling Tower 15 | 270,140 | 3,908,700 |
| HRSGB-1  | HRSGB_1  | HRSGB-1          | 262,690 | 3,908,540 |
| HRSGB-2  | HRSGB_2  | HRSGB-2          | 262,690 | 3,908,490 |
| HRSGB-3  | HRSGB_3  | HRSGB-3          | 262,690 | 3,908,440 |
| HRSGB-4  | HRSGB_4  | HRSGB-4          | 262,690 | 3,908,390 |
| HRSGB-5  | HRSGB_5  | HRSGB-5          | 262,690 | 3,908,340 |
| HRSGB-6  | HRSGB_6  | HRSGB-6          | 262,690 | 3,908,290 |
| HRSGB-7  | HRSGB_7  | HRSGB-7          | 262,740 | 3,908,540 |
| HRSGB-8  | HRSGB_8  | HRSGB-8          | 262,740 | 3,908,490 |
| HRSGB-9  | HRSGB_9  | HRSGB-9          | 262,740 | 3,908,440 |
| HRSGB-10 | HRSGB_10 | HRSGB-10         | 262,740 | 3,908,390 |
| HRSGB-11 | HRSGB_11 | HRSGB-11         | 262,740 | 3,908,340 |
| HRSGB-12 | HRSGB_12 | HRSGB-12         | 262,740 | 3,908,290 |
| HRSGB-13 | HRSGB_13 | HRSGB-13         | 262,790 | 3,908,540 |
| HRSGB-14 | HRSGB_14 | HRSGB-14         | 262,790 | 3,908,490 |
| HRSGB-15 | HRSGB_15 | HRSGB-15         | 262,790 | 3,908,440 |
| HRSGB-16 | HRSGB_16 | HRSGB-16         | 262,790 | 3,908,390 |
| HRSGB-17 | HRSGB_17 | HRSGB-17         | 262,790 | 3,908,340 |
| HRSGB-18 | HRSGB_18 | HRSGB-18         | 262,790 | 3,908,290 |
| HRSGB-1  | HRSGB_1  | HRSGB-1          | 262,990 | 3,908,540 |
| HRSGB-2  | HRSGB_2  | HRSGB-2          | 262,990 | 3,908,490 |
| HRSGB-3  | HRSGB_3  | HRSGB-3          | 262,990 | 3,908,440 |
| HRSGB-4  | HRSGB_4  | HRSGB-4          | 262,990 | 3,908,390 |
| HRSGB-5  | HRSGB_5  | HRSGB-5          | 262,990 | 3,908,340 |
| HRSGB-6  | HRSGB_6  | HRSGB-6          | 262,990 | 3,908,290 |
| HRSGB-7  | HRSGB_7  | HRSGB-7          | 263,040 | 3,908,540 |
| HRSGB-8  | HRSGB_8  | HRSGB-8          | 263,040 | 3,908,490 |
| HRSGB-9  | HRSGB_9  | HRSGB-9          | 263,040 | 3,908,440 |
| HRSGB-10 | HRSGB_10 | HRSGB-10         | 263,040 | 3,908,390 |
| HRSGB-11 | HRSGB_11 | HRSGB-11         | 263,040 | 3,908,340 |
| HRSGB-12 | HRSGB_12 | HRSGB-12         | 263,040 | 3,908,290 |
| HRSGB-13 | HRSGB_13 | HRSGB-13         | 263,090 | 3,908,540 |
| HRSGB-14 | HRSGB_14 | HRSGB-14         | 263,090 | 3,908,490 |
| HRSGB-15 | HRSGB_15 | HRSGB-15         | 263,090 | 3,908,440 |
| HRSGB-16 | HRSGB_16 | HRSGB-16         | 263,090 | 3,908,390 |
| HRSGB-17 | HRSGB_17 | HRSGB-17         | 263,090 | 3,908,340 |
| HRSGB-18 | HRSGB_18 | HRSGB-18         | 263,090 | 3,908,290 |
| HRSGB-1  | HRSGB_1  | HRSGB-1          | 269,120 | 3,908,500 |
| HRSGB-2  | HRSGB_2  | HRSGB-2          | 269,120 | 3,908,450 |
| HRSGB-3  | HRSGB_3  | HRSGB-3          | 269,120 | 3,908,400 |
| HRSGB-4  | HRSGB_4  | HRSGB-4          | 269,120 | 3,908,350 |
| HRSGB-5  | HRSGB_5  | HRSGB-5          | 269,120 | 3,908,300 |
| HRSGB-6  | HRSGB_6  | HRSGB-6          | 269,120 | 3,908,250 |
| HRSGB-7  | HRSGB_7  | HRSGB-7          | 269,170 | 3,908,500 |
| HRSGB-8  | HRSGB_8  | HRSGB-8          | 269,170 | 3,908,450 |
| HRSGB-9  | HRSGB_9  | HRSGB-9          | 269,170 | 3,908,400 |
| HRSGB-10 | HRSGB_10 | HRSGB-10         | 269,170 | 3,908,350 |
| HRSGB-11 | HRSGB_11 | HRSGB-11         | 269,170 | 3,908,300 |
| HRSGB-12 | HRSGB_12 | HRSGB-12         | 269,170 | 3,908,250 |
| HRSGB-13 | HRSGB_13 | HRSGB-13         | 269,220 | 3,908,500 |
| HRSGB-14 | HRSGB_14 | HRSGB-14         | 269,220 | 3,908,450 |
| HRSGB-15 | HRSGB_15 | HRSGB-15         | 269,220 | 3,908,400 |

| EPN      | Model ID | Description      | Easting | Northing  |
|----------|----------|------------------|---------|-----------|
|          |          |                  | m       | m         |
| HRSGC-16 | HRSGC_16 | HRSGC-16         | 269,220 | 3,908,350 |
| HRSGC-17 | HRSGC_17 | HRSGC-17         | 269,220 | 3,908,300 |
| HRSGC-18 | HRSGC_18 | HRSGC-18         | 269,220 | 3,908,250 |
| HRSGD-1  | HRSGD_1  | HRSGD-1          | 269,600 | 3,908,450 |
| HRSGD-2  | HRSGD_2  | HRSGD-2          | 269,650 | 3,908,450 |
| HRSGD-3  | HRSGD_3  | HRSGD-3          | 269,700 | 3,908,450 |
| HRSGD-4  | HRSGD_4  | HRSGD-4          | 269,750 | 3,908,450 |
| HRSGD-5  | HRSGD_5  | HRSGD-5          | 269,800 | 3,908,450 |
| HRSGD-6  | HRSGD_6  | HRSGD-6          | 269,850 | 3,908,450 |
| HRSGD-7  | HRSGD_7  | HRSGD-7          | 269,600 | 3,908,400 |
| HRSGD-8  | HRSGD_8  | HRSGD-8          | 269,650 | 3,908,400 |
| HRSGD-9  | HRSGD_9  | HRSGD-9          | 269,700 | 3,908,400 |
| HRSGD-10 | HRSGD_10 | HRSGD-10         | 269,750 | 3,908,400 |
| HRSGD-11 | HRSGD_11 | HRSGD-11         | 269,800 | 3,908,400 |
| HRSGD-12 | HRSGD_12 | HRSGD-12         | 269,850 | 3,908,400 |
| HRSGD-13 | HRSGD_13 | HRSGD-13         | 269,600 | 3,908,350 |
| HRSGD-14 | HRSGD_14 | HRSGD-14         | 269,650 | 3,908,350 |
| HRSGD-15 | HRSGD_15 | HRSGD-15         | 269,700 | 3,908,350 |
| HRSGD-16 | HRSGD_16 | HRSGD-16         | 269,750 | 3,908,350 |
| HRSGD-17 | HRSGD_17 | HRSGD-17         | 269,800 | 3,908,350 |
| HRSGD-18 | HRSGD_18 | HRSGD-18         | 269,850 | 3,908,350 |
| HRSGE-1  | HRSGE_1  | HRSGE-1          | 270,100 | 3,908,600 |
| HRSGE-2  | HRSGE_2  | HRSGE-2          | 270,150 | 3,908,600 |
| HRSGE-3  | HRSGE_3  | HRSGE-3          | 270,200 | 3,908,600 |
| HRSGE-4  | HRSGE_4  | HRSGE-4          | 270,250 | 3,908,600 |
| HRSGE-5  | HRSGE_5  | HRSGE-5          | 270,300 | 3,908,600 |
| HRSGE-6  | HRSGE_6  | HRSGE-6          | 270,350 | 3,908,600 |
| HRSGE-7  | HRSGE_7  | HRSGE-7          | 270,100 | 3,908,550 |
| HRSGE-8  | HRSGE_8  | HRSGE-8          | 270,150 | 3,908,550 |
| HRSGE-9  | HRSGE_9  | HRSGE-9          | 270,200 | 3,908,550 |
| HRSGE-10 | HRSGE_10 | HRSGE-10         | 270,250 | 3,908,550 |
| HRSGE-11 | HRSGE_11 | HRSGE-11         | 270,300 | 3,908,550 |
| HRSGE-12 | HRSGE_12 | HRSGE-12         | 270,350 | 3,908,550 |
| HRSGE-13 | HRSGE_13 | HRSGE-13         | 270,100 | 3,908,500 |
| HRSGE-14 | HRSGE_14 | HRSGE-14         | 270,150 | 3,908,500 |
| HRSGE-15 | HRSGE_15 | HRSGE-15         | 270,200 | 3,908,500 |
| HRSGE-16 | HRSGE_16 | HRSGE-16         | 270,250 | 3,908,500 |
| HRSGE-17 | HRSGE_17 | HRSGE-17         | 270,300 | 3,908,500 |
| HRSGE-18 | HRSGE_18 | HRSGE-18         | 270,350 | 3,908,500 |
| LOV1     | LOV1     | Lube Oil Vent 1  | 262,695 | 3,908,540 |
| LOV2     | LOV2     | Lube Oil Vent 2  | 262,695 | 3,908,490 |
| LOV3     | LOV3     | Lube Oil Vent 3  | 262,695 | 3,908,440 |
| LOV4     | LOV4     | Lube Oil Vent 4  | 262,695 | 3,908,390 |
| LOV5     | LOV5     | Lube Oil Vent 5  | 262,695 | 3,908,340 |
| LOV6     | LOV6     | Lube Oil Vent 6  | 262,695 | 3,908,290 |
| LOV7     | LOV7     | Lube Oil Vent 7  | 262,745 | 3,908,540 |
| LOV8     | LOV8     | Lube Oil Vent 8  | 262,745 | 3,908,490 |
| LOV9     | LOV9     | Lube Oil Vent 9  | 262,745 | 3,908,440 |
| LOV10    | LOV10    | Lube Oil Vent 10 | 262,745 | 3,908,390 |
| LOV11    | LOV11    | Lube Oil Vent 11 | 262,745 | 3,908,340 |
| LOV12    | LOV12    | Lube Oil Vent 12 | 262,745 | 3,908,290 |
| LOV13    | LOV13    | Lube Oil Vent 13 | 262,795 | 3,908,540 |
| LOV14    | LOV14    | Lube Oil Vent 14 | 262,795 | 3,908,490 |
| LOV15    | LOV15    | Lube Oil Vent 15 | 262,795 | 3,908,440 |
| LOV16    | LOV16    | Lube Oil Vent 16 | 262,795 | 3,908,390 |
| LOV17    | LOV17    | Lube Oil Vent 17 | 262,795 | 3,908,340 |
| LOV18    | LOV18    | Lube Oil Vent 18 | 262,795 | 3,908,290 |
| LOV19    | LOV19    | Lube Oil Vent 19 | 262,995 | 3,908,540 |
| LOV20    | LOV20    | Lube Oil Vent 20 | 262,995 | 3,908,490 |
| LOV21    | LOV21    | Lube Oil Vent 21 | 262,995 | 3,908,440 |
| LOV22    | LOV22    | Lube Oil Vent 22 | 262,995 | 3,908,390 |
| LOV23    | LOV23    | Lube Oil Vent 23 | 262,995 | 3,908,340 |
| LOV24    | LOV24    | Lube Oil Vent 24 | 262,995 | 3,908,290 |
| LOV25    | LOV25    | Lube Oil Vent 25 | 263,045 | 3,908,540 |
| LOV26    | LOV26    | Lube Oil Vent 26 | 263,045 | 3,908,490 |
| LOV27    | LOV27    | Lube Oil Vent 27 | 263,045 | 3,908,440 |

| EPN    | Model ID | Description               | Easting | Northing  |
|--------|----------|---------------------------|---------|-----------|
|        |          |                           | m       | m         |
| LOV28  | LOV28    | Lube Oil Vent 28          | 263,045 | 3,908,390 |
| LOV29  | LOV29    | Lube Oil Vent 29          | 263,045 | 3,908,340 |
| LOV30  | LOV30    | Lube Oil Vent 30          | 263,045 | 3,908,290 |
| LOV31  | LOV31    | Lube Oil Vent 31          | 263,095 | 3,908,540 |
| LOV32  | LOV32    | Lube Oil Vent 32          | 263,095 | 3,908,490 |
| LOV33  | LOV33    | Lube Oil Vent 33          | 263,095 | 3,908,440 |
| LOV34  | LOV34    | Lube Oil Vent 34          | 263,095 | 3,908,390 |
| LOV35  | LOV35    | Lube Oil Vent 35          | 263,095 | 3,908,340 |
| LOV36  | LOV36    | Lube Oil Vent 36          | 263,095 | 3,908,290 |
| LOV37  | LOV37    | Lube Oil Vent 37          | 269,125 | 3,908,500 |
| LOV38  | LOV38    | Lube Oil Vent 38          | 269,125 | 3,908,450 |
| LOV39  | LOV39    | Lube Oil Vent 39          | 269,125 | 3,908,400 |
| LOV40  | LOV40    | Lube Oil Vent 40          | 269,125 | 3,908,350 |
| LOV41  | LOV41    | Lube Oil Vent 41          | 269,125 | 3,908,300 |
| LOV42  | LOV42    | Lube Oil Vent 42          | 269,125 | 3,908,250 |
| LOV43  | LOV43    | Lube Oil Vent 43          | 269,175 | 3,908,500 |
| LOV44  | LOV44    | Lube Oil Vent 44          | 269,175 | 3,908,450 |
| LOV45  | LOV45    | Lube Oil Vent 45          | 269,175 | 3,908,400 |
| LOV46  | LOV46    | Lube Oil Vent 46          | 269,175 | 3,908,350 |
| LOV47  | LOV47    | Lube Oil Vent 47          | 269,175 | 3,908,300 |
| LOV48  | LOV48    | Lube Oil Vent 48          | 269,175 | 3,908,250 |
| LOV49  | LOV49    | Lube Oil Vent 49          | 269,225 | 3,908,500 |
| LOV50  | LOV50    | Lube Oil Vent 50          | 269,225 | 3,908,450 |
| LOV51  | LOV51    | Lube Oil Vent 51          | 269,225 | 3,908,400 |
| LOV52  | LOV52    | Lube Oil Vent 52          | 269,225 | 3,908,350 |
| LOV53  | LOV53    | Lube Oil Vent 53          | 269,225 | 3,908,300 |
| LOV54  | LOV54    | Lube Oil Vent 54          | 269,225 | 3,908,250 |
| LOV55  | LOV55    | Lube Oil Vent 55          | 269,605 | 3,908,450 |
| LOV56  | LOV56    | Lube Oil Vent 56          | 269,655 | 3,908,450 |
| LOV57  | LOV57    | Lube Oil Vent 57          | 269,705 | 3,908,450 |
| LOV58  | LOV58    | Lube Oil Vent 58          | 269,755 | 3,908,450 |
| LOV59  | LOV59    | Lube Oil Vent 59          | 269,805 | 3,908,450 |
| LOV60  | LOV60    | Lube Oil Vent 60          | 269,855 | 3,908,450 |
| LOV61  | LOV61    | Lube Oil Vent 61          | 269,605 | 3,908,400 |
| LOV62  | LOV62    | Lube Oil Vent 62          | 269,655 | 3,908,400 |
| LOV63  | LOV63    | Lube Oil Vent 63          | 269,705 | 3,908,400 |
| LOV64  | LOV64    | Lube Oil Vent 64          | 269,755 | 3,908,400 |
| LOV65  | LOV65    | Lube Oil Vent 65          | 269,805 | 3,908,400 |
| LOV66  | LOV66    | Lube Oil Vent 66          | 269,855 | 3,908,400 |
| LOV67  | LOV67    | Lube Oil Vent 67          | 269,605 | 3,908,350 |
| LOV68  | LOV68    | Lube Oil Vent 68          | 269,655 | 3,908,350 |
| LOV69  | LOV69    | Lube Oil Vent 69          | 269,705 | 3,908,350 |
| LOV70  | LOV70    | Lube Oil Vent 70          | 269,755 | 3,908,350 |
| LOV71  | LOV71    | Lube Oil Vent 71          | 269,805 | 3,908,350 |
| LOV72  | LOV72    | Lube Oil Vent 72          | 269,855 | 3,908,350 |
| LOV73  | LOV73    | Lube Oil Vent 73          | 270,105 | 3,908,600 |
| LOV74  | LOV74    | Lube Oil Vent 74          | 270,155 | 3,908,600 |
| LOV75  | LOV75    | Lube Oil Vent 75          | 270,205 | 3,908,600 |
| LOV76  | LOV76    | Lube Oil Vent 76          | 270,255 | 3,908,600 |
| LOV77  | LOV77    | Lube Oil Vent 77          | 270,305 | 3,908,600 |
| LOV78  | LOV78    | Lube Oil Vent 78          | 270,355 | 3,908,600 |
| LOV79  | LOV79    | Lube Oil Vent 79          | 270,105 | 3,908,550 |
| LOV80  | LOV80    | Lube Oil Vent 80          | 270,155 | 3,908,550 |
| LOV81  | LOV81    | Lube Oil Vent 81          | 270,205 | 3,908,550 |
| LOV82  | LOV82    | Lube Oil Vent 82          | 270,255 | 3,908,550 |
| LOV83  | LOV83    | Lube Oil Vent 83          | 270,305 | 3,908,550 |
| LOV84  | LOV84    | Lube Oil Vent 84          | 270,355 | 3,908,550 |
| LOV85  | LOV85    | Lube Oil Vent 85          | 270,105 | 3,908,500 |
| LOV86  | LOV86    | Lube Oil Vent 86          | 270,155 | 3,908,500 |
| LOV87  | LOV87    | Lube Oil Vent 87          | 270,205 | 3,908,500 |
| LOV88  | LOV88    | Lube Oil Vent 88          | 270,255 | 3,908,500 |
| LOV89  | LOV89    | Lube Oil Vent 89          | 270,305 | 3,908,500 |
| LOV90  | LOV90    | Lube Oil Vent 90          | 270,355 | 3,908,500 |
| FPUMP1 | FPUMP1   | Fire System Pump Engine 1 | 263,050 | 3,908,660 |
| FPUMP2 | FPUMP2   | Fire System Pump Engine 2 | 269,350 | 3,908,600 |
| EGEN1  | EGEN1    | Emergency Engine 1        | 263,100 | 3,908,660 |

| EPN      | Model ID | Description                                         | Easting | Northing  |
|----------|----------|-----------------------------------------------------|---------|-----------|
|          |          |                                                     | m       | m         |
| EGEN2    | EGEN2    | Emergency Engine 2                                  | 263,150 | 3,908,660 |
| EGEN3    | EGEN3    | Emergency Engine 3                                  | 269,400 | 3,908,600 |
| EGEN4    | EGEN4    | Emergency Engine 4                                  | 269,450 | 3,908,600 |
| EGEN5    | EGEN5    | Emergency Engine 5                                  | 269,500 | 3,908,600 |
| EGEN6    | EGEN6    | Emergency Engine 6                                  | 269,550 | 3,908,600 |
| ENGINE-1 | ENGINE_1 | Black Start Generator 1                             | 263,200 | 3,908,660 |
| ENGINE-2 | ENGINE_2 | Black Start Generator 2                             | 269,600 | 3,908,600 |
| NGFUG    | NGFUG    | Natural Gas Piping Fugitives                        | 269,750 | 3,908,550 |
| NH3FUG   | NH3FUG   | SCR Delivery System Fugitives                       | 269,750 | 3,908,550 |
| MSSFUG   | MSSFUG   | ILE Turbine Maintenance Activities                  | 269,750 | 3,908,550 |
| FUG-SF6  | FUG_SF6  | Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives | 269,750 | 3,908,550 |
| TNK-DSL1 | TNK_DSL1 | Diesel Tank 1                                       | 263,070 | 3,908,700 |
| TNK-DSL2 | TNK_DSL2 | Diesel Tank 2                                       | 263,170 | 3,908,700 |
| TNK-DSL3 | TNK_DSL3 | Diesel Tank 3                                       | 269,450 | 3,908,650 |
| TNK-DSL4 | TNK_DSL4 | Diesel Tank 4                                       | 269,500 | 3,908,650 |



| EPN       | Model ID  | Base Elevation | Stack Height | Exit Temp | Exit Velocity | Exit Diam | NOx (Routine) | NOx      | CO (Routine) | CO (Routine) | SO2      | SO2      |
|-----------|-----------|----------------|--------------|-----------|---------------|-----------|---------------|----------|--------------|--------------|----------|----------|
|           |           | m              | ft           | F         | fps           | ft        | 1-HR          | ANN      | 1-HR         | 8-HR         | 30-MIN   | 1-HR     |
| HRS GC-16 | HRS GC_16 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GC-17 | HRS GC_17 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GC-18 | HRS GC_18 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-1  | HRS GD_1  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-2  | HRS GD_2  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-3  | HRS GD_3  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-4  | HRS GD_4  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-5  | HRS GD_5  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-6  | HRS GD_6  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-7  | HRS GD_7  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-8  | HRS GD_8  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-9  | HRS GD_9  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-10 | HRS GD_10 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-11 | HRS GD_11 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-12 | HRS GD_12 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-13 | HRS GD_13 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-14 | HRS GD_14 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-15 | HRS GD_15 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-16 | HRS GD_16 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-17 | HRS GD_17 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GD-18 | HRS GD_18 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-1  | HRS GE_1  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-2  | HRS GE_2  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-3  | HRS GE_3  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-4  | HRS GE_4  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-5  | HRS GE_5  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-6  | HRS GE_6  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-7  | HRS GE_7  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-8  | HRS GE_8  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-9  | HRS GE_9  | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-10 | HRS GE_10 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-11 | HRS GE_11 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-12 | HRS GE_12 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-13 | HRS GE_13 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-14 | HRS GE_14 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-15 | HRS GE_15 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-16 | HRS GE_16 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-17 | HRS GE_17 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| HRS GE-18 | HRS GE_18 | TBD            | 100.00       | 250       | 75.00         | 12.00     | 3.76E+00      | 1.75E+01 | 4.58E+00     | 4.58E+00     | 7.16E-01 | 7.16E-01 |
| LOV1      | LOV1      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV2      | LOV2      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV3      | LOV3      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV4      | LOV4      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV5      | LOV5      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV6      | LOV6      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV7      | LOV7      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV8      | LOV8      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV9      | LOV9      | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV10     | LOV10     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV11     | LOV11     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV12     | LOV12     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV13     | LOV13     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV14     | LOV14     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV15     | LOV15     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV16     | LOV16     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV17     | LOV17     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV18     | LOV18     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV19     | LOV19     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV20     | LOV20     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV21     | LOV21     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV22     | LOV22     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV23     | LOV23     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV24     | LOV24     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV25     | LOV25     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV26     | LOV26     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |
| LOV27     | LOV27     | TBD            | 25.00        | -460      | 0.00          | 0.00      |               |          |              |              |          |          |

| EPN    | Model ID | Base<br>Elevation | Stack<br>Height | Exit<br>Temp | Exit<br>Velocity | Exit<br>Diam | NOx<br>(Routine) | NOx      | CO<br>(Routine) | CO<br>(Routine) | SO2      | SO2      |
|--------|----------|-------------------|-----------------|--------------|------------------|--------------|------------------|----------|-----------------|-----------------|----------|----------|
|        |          | m                 | ft              | F            | fps              | ft           | 1-HR             | ANN      | 1-HR            | 8-HR            | 30-MIN   | 1-HR     |
| LOV28  | LOV28    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV29  | LOV29    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV30  | LOV30    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV31  | LOV31    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV32  | LOV32    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV33  | LOV33    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV34  | LOV34    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV35  | LOV35    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV36  | LOV36    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV37  | LOV37    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV38  | LOV38    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV39  | LOV39    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV40  | LOV40    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV41  | LOV41    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV42  | LOV42    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV43  | LOV43    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV44  | LOV44    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV45  | LOV45    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV46  | LOV46    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV47  | LOV47    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV48  | LOV48    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV49  | LOV49    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV50  | LOV50    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV51  | LOV51    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV52  | LOV52    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV53  | LOV53    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV54  | LOV54    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV55  | LOV55    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV56  | LOV56    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV57  | LOV57    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV58  | LOV58    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV59  | LOV59    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV60  | LOV60    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV61  | LOV61    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV62  | LOV62    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV63  | LOV63    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV64  | LOV64    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV65  | LOV65    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV66  | LOV66    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV67  | LOV67    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV68  | LOV68    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV69  | LOV69    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV70  | LOV70    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV71  | LOV71    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV72  | LOV72    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV73  | LOV73    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV74  | LOV74    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV75  | LOV75    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV76  | LOV76    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV77  | LOV77    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV78  | LOV78    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV79  | LOV79    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV80  | LOV80    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV81  | LOV81    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV82  | LOV82    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV83  | LOV83    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV84  | LOV84    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV85  | LOV85    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV86  | LOV86    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV87  | LOV87    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV88  | LOV88    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV89  | LOV89    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| LOV90  | LOV90    | TBD               | 25.00           | -460         | 0.00             | 0.00         |                  |          |                 |                 |          |          |
| FPUMP1 | FPUMP1   | TBD               | 10.00           | 961          | 118.84           | 0.50         | 2.63E-02         | 1.15E-01 | 2.01E+00        | 2.52E-01        | 3.75E-03 | 3.75E-03 |
| FPUMP2 | FPUMP2   | TBD               | 10.00           | 961          | 118.84           | 0.50         | 2.63E-02         | 1.15E-01 | 2.01E+00        | 2.52E-01        | 3.75E-03 | 3.75E-03 |
| EGEN1  | EGEN1    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |

| EPN      | Model ID | Base<br>Elevation | Stack<br>Height | Exit<br>Temp | Exit<br>Velocity | Exit<br>Diam | NOx<br>(Routine) | NOx      | CO<br>(Routine) | CO<br>(Routine) | SO2      | SO2      |
|----------|----------|-------------------|-----------------|--------------|------------------|--------------|------------------|----------|-----------------|-----------------|----------|----------|
|          |          | m                 | ft              | F            | fps              | ft           | 1-HR             | ANN      | 1-HR            | 8-HR            | 30-MIN   | 1-HR     |
| EGEN2    | EGEN2    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN3    | EGEN3    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN4    | EGEN4    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN5    | EGEN5    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| EGEN6    | EGEN6    | TBD               | 26.00           | 825          | 102.30           | 2.17         | 5.40E-01         | 2.37E+00 | 2.59E+01        | 3.24E+00        | 4.82E-02 | 4.82E-02 |
| ENGINE-1 | ENGINE_1 | TBD               | 60.00           | 704          | 92.55            | 5.25         | 3.22E-01         | 1.41E+00 | 1.54E+01        | 1.93E+00        | 2.87E-02 | 2.87E-02 |
| ENGINE-2 | ENGINE_2 | TBD               | 60.00           | 704          | 92.55            | 5.25         | 3.22E-01         | 1.41E+00 | 1.54E+01        | 1.93E+00        | 2.87E-02 | 2.87E-02 |
| NGFUG    | NGFUG    | TBD               | 0.30            |              |                  |              |                  |          |                 |                 |          |          |
| NH3FUG   | NH3FUG   | TBD               | 0.30            |              |                  |              |                  |          |                 |                 |          |          |
| MSSFUG   | MSSFUG   | TBD               | 0.30            |              |                  |              | 1.08E-02         | 9.68E-03 | 6.54E-03        | 5.89E-03        |          |          |
| FUG-SF6  | FUG_SF6  | TBD               | 0.30            |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL1 | TNK_DSL1 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL2 | TNK_DSL2 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL3 | TNK_DSL3 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |
| TNK-DSL4 | TNK_DSL4 | TBD               | 30.00           |              |                  |              |                  |          |                 |                 |          |          |







| EPN    | Model ID | SO2      | SO2      | SO2      | PM10     | PM10     | PM2.5    | PM2.5    | H2S    | H2SO4      | NH3  | NH3 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|--------|------------|------|-----|
|        |          | 3-HR     | 24-HR    | ANN      | 24-HR    | ANN      | 24-HR    | ANN      | 30-MIN | 1-HR/24-HR | 1-HR | ANN |
| LOV28  | LOV28    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV29  | LOV29    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV30  | LOV30    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV31  | LOV31    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV32  | LOV32    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV33  | LOV33    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV34  | LOV34    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV35  | LOV35    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV36  | LOV36    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV37  | LOV37    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV38  | LOV38    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV39  | LOV39    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV40  | LOV40    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV41  | LOV41    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV42  | LOV42    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV43  | LOV43    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV44  | LOV44    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV45  | LOV45    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV46  | LOV46    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV47  | LOV47    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV48  | LOV48    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV49  | LOV49    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV50  | LOV50    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV51  | LOV51    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV52  | LOV52    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV53  | LOV53    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV54  | LOV54    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV55  | LOV55    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV56  | LOV56    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV57  | LOV57    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV58  | LOV58    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV59  | LOV59    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV60  | LOV60    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV61  | LOV61    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV62  | LOV62    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV63  | LOV63    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV64  | LOV64    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV65  | LOV65    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV66  | LOV66    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV67  | LOV67    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV68  | LOV68    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV69  | LOV69    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV70  | LOV70    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV71  | LOV71    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV72  | LOV72    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV73  | LOV73    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV74  | LOV74    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV75  | LOV75    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV76  | LOV76    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV77  | LOV77    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV78  | LOV78    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV79  | LOV79    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV80  | LOV80    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV81  | LOV81    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV82  | LOV82    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV83  | LOV83    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV84  | LOV84    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV85  | LOV85    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV86  | LOV86    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV87  | LOV87    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV88  | LOV88    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV89  | LOV89    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| LOV90  | LOV90    |          |          |          | 1.82E-02 | 7.95E-02 | 1.82E-02 | 7.95E-02 |        |            |      |     |
| FPUMP1 | FPUMP1   | 3.75E-03 | 3.75E-03 | 1.87E-04 | 4.79E-03 | 5.75E-03 | 4.79E-03 | 5.75E-03 |        |            |      |     |
| FPUMP2 | FPUMP2   | 3.75E-03 | 3.75E-03 | 1.87E-04 | 4.79E-03 | 5.75E-03 | 4.79E-03 | 5.75E-03 |        |            |      |     |
| EGEN1  | EGEN1    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |        |            |      |     |

| EPN      | Model ID | SO2      | SO2      | SO2      | PM10     | PM10     | PM2.5    | PM2.5    | H2S      | H2SO4      | NH3      | NH3      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------|
|          |          | 3-HR     | 24-HR    | ANN      | 24-HR    | ANN      | 24-HR    | ANN      | 30-MIN   | 1-HR/24-HR | 1-HR     | ANN      |
| EGEN2    | EGEN2    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN3    | EGEN3    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN4    | EGEN4    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN5    | EGEN5    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| EGEN6    | EGEN6    | 4.82E-02 | 4.82E-02 | 2.41E-03 | 6.16E-02 | 7.40E-02 | 6.16E-02 | 7.40E-02 |          |            |          |          |
| ENGINE-1 | ENGINE_1 | 2.87E-02 | 2.87E-02 | 1.44E-03 | 3.67E-02 | 4.41E-02 | 3.67E-02 | 4.41E-02 |          |            |          |          |
| ENGINE-2 | ENGINE_2 | 2.87E-02 | 2.87E-02 | 1.44E-03 | 3.67E-02 | 4.41E-02 | 3.67E-02 | 4.41E-02 |          |            |          |          |
| NGFUG    | NGFUG    |          |          |          |          |          |          |          | 5.71E-05 |            |          |          |
| NH3FUG   | NH3FUG   |          |          |          |          |          |          |          |          |            | 2.13E-02 | 9.32E-02 |
| MSSFUG   | MSSFUG   |          |          |          | 1.85E-01 | 5.56E-04 | 2.81E-02 | 8.42E-05 | 1.19E-02 |            | 3.26E-01 | 4.38E-03 |
| FUG-SF6  | FUG_SF6  |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL1 | TNK_DSL1 |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL2 | TNK_DSL2 |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL3 | TNK_DSL3 |          |          |          |          |          |          |          |          |            |          |          |
| TNK-DSL4 | TNK_DSL4 |          |          |          |          |          |          |          |          |            |          |          |

| EPN      | Model ID | LUBEOIL | LUBEOIL | EGME | EGME | ETHYOX | ETHYOX | DIESEL | DIESEL |
|----------|----------|---------|---------|------|------|--------|--------|--------|--------|
|          |          | 1-HR    | ANN     | 1-HR | ANN  | 1-HR   | ANN    | 1-HR   | ANN    |
| CT-1     | CT_1     |         |         |      |      |        |        |        |        |
| CT-2     | CT_2     |         |         |      |      |        |        |        |        |
| CT-3     | CT_3     |         |         |      |      |        |        |        |        |
| CT-4     | CT_4     |         |         |      |      |        |        |        |        |
| CT-5     | CT_5     |         |         |      |      |        |        |        |        |
| CT-6     | CT_6     |         |         |      |      |        |        |        |        |
| CT-7     | CT_7     |         |         |      |      |        |        |        |        |
| CT-8     | CT_8     |         |         |      |      |        |        |        |        |
| CT-9     | CT_9     |         |         |      |      |        |        |        |        |
| CT-10    | CT_10    |         |         |      |      |        |        |        |        |
| CT-11    | CT_11    |         |         |      |      |        |        |        |        |
| CT-12    | CT_12    |         |         |      |      |        |        |        |        |
| CT-13    | CT_13    |         |         |      |      |        |        |        |        |
| CT-14    | CT_14    |         |         |      |      |        |        |        |        |
| CT-15    | CT_15    |         |         |      |      |        |        |        |        |
| HRSGA-1  | HRSGA_1  |         |         |      |      |        |        |        |        |
| HRSGA-2  | HRSGA_2  |         |         |      |      |        |        |        |        |
| HRSGA-3  | HRSGA_3  |         |         |      |      |        |        |        |        |
| HRSGA-4  | HRSGA_4  |         |         |      |      |        |        |        |        |
| HRSGA-5  | HRSGA_5  |         |         |      |      |        |        |        |        |
| HRSGA-6  | HRSGA_6  |         |         |      |      |        |        |        |        |
| HRSGA-7  | HRSGA_7  |         |         |      |      |        |        |        |        |
| HRSGA-8  | HRSGA_8  |         |         |      |      |        |        |        |        |
| HRSGA-9  | HRSGA_9  |         |         |      |      |        |        |        |        |
| HRSGA-10 | HRSGA_10 |         |         |      |      |        |        |        |        |
| HRSGA-11 | HRSGA_11 |         |         |      |      |        |        |        |        |
| HRSGA-12 | HRSGA_12 |         |         |      |      |        |        |        |        |
| HRSGA-13 | HRSGA_13 |         |         |      |      |        |        |        |        |
| HRSGA-14 | HRSGA_14 |         |         |      |      |        |        |        |        |
| HRSGA-15 | HRSGA_15 |         |         |      |      |        |        |        |        |
| HRSGA-16 | HRSGA_16 |         |         |      |      |        |        |        |        |
| HRSGA-17 | HRSGA_17 |         |         |      |      |        |        |        |        |
| HRSGA-18 | HRSGA_18 |         |         |      |      |        |        |        |        |
| HRSGB-1  | HRSGB_1  |         |         |      |      |        |        |        |        |
| HRSGB-2  | HRSGB_2  |         |         |      |      |        |        |        |        |
| HRSGB-3  | HRSGB_3  |         |         |      |      |        |        |        |        |
| HRSGB-4  | HRSGB_4  |         |         |      |      |        |        |        |        |
| HRSGB-5  | HRSGB_5  |         |         |      |      |        |        |        |        |
| HRSGB-6  | HRSGB_6  |         |         |      |      |        |        |        |        |
| HRSGB-7  | HRSGB_7  |         |         |      |      |        |        |        |        |
| HRSGB-8  | HRSGB_8  |         |         |      |      |        |        |        |        |
| HRSGB-9  | HRSGB_9  |         |         |      |      |        |        |        |        |
| HRSGB-10 | HRSGB_10 |         |         |      |      |        |        |        |        |
| HRSGB-11 | HRSGB_11 |         |         |      |      |        |        |        |        |
| HRSGB-12 | HRSGB_12 |         |         |      |      |        |        |        |        |
| HRSGB-13 | HRSGB_13 |         |         |      |      |        |        |        |        |
| HRSGB-14 | HRSGB_14 |         |         |      |      |        |        |        |        |
| HRSGB-15 | HRSGB_15 |         |         |      |      |        |        |        |        |
| HRSGB-16 | HRSGB_16 |         |         |      |      |        |        |        |        |
| HRSGB-17 | HRSGB_17 |         |         |      |      |        |        |        |        |
| HRSGB-18 | HRSGB_18 |         |         |      |      |        |        |        |        |
| HRSGC-1  | HRSGC_1  |         |         |      |      |        |        |        |        |
| HRSGC-2  | HRSGC_2  |         |         |      |      |        |        |        |        |
| HRSGC-3  | HRSGC_3  |         |         |      |      |        |        |        |        |
| HRSGC-4  | HRSGC_4  |         |         |      |      |        |        |        |        |
| HRSGC-5  | HRSGC_5  |         |         |      |      |        |        |        |        |
| HRSGC-6  | HRSGC_6  |         |         |      |      |        |        |        |        |
| HRSGC-7  | HRSGC_7  |         |         |      |      |        |        |        |        |
| HRSGC-8  | HRSGC_8  |         |         |      |      |        |        |        |        |
| HRSGC-9  | HRSGC_9  |         |         |      |      |        |        |        |        |
| HRSGC-10 | HRSGC_10 |         |         |      |      |        |        |        |        |
| HRSGC-11 | HRSGC_11 |         |         |      |      |        |        |        |        |
| HRSGC-12 | HRSGC_12 |         |         |      |      |        |        |        |        |
| HRSGC-13 | HRSGC_13 |         |         |      |      |        |        |        |        |
| HRSGC-14 | HRSGC_14 |         |         |      |      |        |        |        |        |
| HRSGC-15 | HRSGC_15 |         |         |      |      |        |        |        |        |

| EPN       | Model ID  | LUBEOIL  | LUBEOIL  | EGME | EGME | ETHYOX | ETHYOX | DIESEL | DIESEL |
|-----------|-----------|----------|----------|------|------|--------|--------|--------|--------|
|           |           | 1-HR     | ANN      | 1-HR | ANN  | 1-HR   | ANN    | 1-HR   | ANN    |
| HRS GC-16 | HRS GC_16 |          |          |      |      |        |        |        |        |
| HRS GC-17 | HRS GC_17 |          |          |      |      |        |        |        |        |
| HRS GC-18 | HRS GC_18 |          |          |      |      |        |        |        |        |
| HRS GD-1  | HRS GD_1  |          |          |      |      |        |        |        |        |
| HRS GD-2  | HRS GD_2  |          |          |      |      |        |        |        |        |
| HRS GD-3  | HRS GD_3  |          |          |      |      |        |        |        |        |
| HRS GD-4  | HRS GD_4  |          |          |      |      |        |        |        |        |
| HRS GD-5  | HRS GD_5  |          |          |      |      |        |        |        |        |
| HRS GD-6  | HRS GD_6  |          |          |      |      |        |        |        |        |
| HRS GD-7  | HRS GD_7  |          |          |      |      |        |        |        |        |
| HRS GD-8  | HRS GD_8  |          |          |      |      |        |        |        |        |
| HRS GD-9  | HRS GD_9  |          |          |      |      |        |        |        |        |
| HRS GD-10 | HRS GD_10 |          |          |      |      |        |        |        |        |
| HRS GD-11 | HRS GD_11 |          |          |      |      |        |        |        |        |
| HRS GD-12 | HRS GD_12 |          |          |      |      |        |        |        |        |
| HRS GD-13 | HRS GD_13 |          |          |      |      |        |        |        |        |
| HRS GD-14 | HRS GD_14 |          |          |      |      |        |        |        |        |
| HRS GD-15 | HRS GD_15 |          |          |      |      |        |        |        |        |
| HRS GD-16 | HRS GD_16 |          |          |      |      |        |        |        |        |
| HRS GD-17 | HRS GD_17 |          |          |      |      |        |        |        |        |
| HRS GD-18 | HRS GD_18 |          |          |      |      |        |        |        |        |
| HRS GE-1  | HRS GE_1  |          |          |      |      |        |        |        |        |
| HRS GE-2  | HRS GE_2  |          |          |      |      |        |        |        |        |
| HRS GE-3  | HRS GE_3  |          |          |      |      |        |        |        |        |
| HRS GE-4  | HRS GE_4  |          |          |      |      |        |        |        |        |
| HRS GE-5  | HRS GE_5  |          |          |      |      |        |        |        |        |
| HRS GE-6  | HRS GE_6  |          |          |      |      |        |        |        |        |
| HRS GE-7  | HRS GE_7  |          |          |      |      |        |        |        |        |
| HRS GE-8  | HRS GE_8  |          |          |      |      |        |        |        |        |
| HRS GE-9  | HRS GE_9  |          |          |      |      |        |        |        |        |
| HRS GE-10 | HRS GE_10 |          |          |      |      |        |        |        |        |
| HRS GE-11 | HRS GE_11 |          |          |      |      |        |        |        |        |
| HRS GE-12 | HRS GE_12 |          |          |      |      |        |        |        |        |
| HRS GE-13 | HRS GE_13 |          |          |      |      |        |        |        |        |
| HRS GE-14 | HRS GE_14 |          |          |      |      |        |        |        |        |
| HRS GE-15 | HRS GE_15 |          |          |      |      |        |        |        |        |
| HRS GE-16 | HRS GE_16 |          |          |      |      |        |        |        |        |
| HRS GE-17 | HRS GE_17 |          |          |      |      |        |        |        |        |
| HRS GE-18 | HRS GE_18 |          |          |      |      |        |        |        |        |
| LOV1      | LOV1      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV2      | LOV2      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV3      | LOV3      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV4      | LOV4      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV5      | LOV5      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV6      | LOV6      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV7      | LOV7      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV8      | LOV8      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV9      | LOV9      | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV10     | LOV10     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV11     | LOV11     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV12     | LOV12     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV13     | LOV13     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV14     | LOV14     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV15     | LOV15     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV16     | LOV16     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV17     | LOV17     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV18     | LOV18     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV19     | LOV19     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV20     | LOV20     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV21     | LOV21     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV22     | LOV22     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV23     | LOV23     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV24     | LOV24     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV25     | LOV25     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV26     | LOV26     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV27     | LOV27     | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |

| EPN    | Model ID | LUBEOIL  | LUBEOIL  | EGME | EGME | ETHYOX | ETHYOX | DIESEL | DIESEL |
|--------|----------|----------|----------|------|------|--------|--------|--------|--------|
|        |          | 1-HR     | ANN      | 1-HR | ANN  | 1-HR   | ANN    | 1-HR   | ANN    |
| LOV28  | LOV28    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV29  | LOV29    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV30  | LOV30    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV31  | LOV31    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV32  | LOV32    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV33  | LOV33    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV34  | LOV34    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV35  | LOV35    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV36  | LOV36    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV37  | LOV37    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV38  | LOV38    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV39  | LOV39    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV40  | LOV40    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV41  | LOV41    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV42  | LOV42    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV43  | LOV43    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV44  | LOV44    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV45  | LOV45    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV46  | LOV46    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV47  | LOV47    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV48  | LOV48    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV49  | LOV49    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV50  | LOV50    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV51  | LOV51    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV52  | LOV52    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV53  | LOV53    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV54  | LOV54    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV55  | LOV55    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV56  | LOV56    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV57  | LOV57    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV58  | LOV58    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV59  | LOV59    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV60  | LOV60    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV61  | LOV61    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV62  | LOV62    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV63  | LOV63    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV64  | LOV64    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV65  | LOV65    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV66  | LOV66    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV67  | LOV67    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV68  | LOV68    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV69  | LOV69    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV70  | LOV70    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV71  | LOV71    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV72  | LOV72    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV73  | LOV73    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV74  | LOV74    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV75  | LOV75    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV76  | LOV76    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV77  | LOV77    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV78  | LOV78    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV79  | LOV79    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV80  | LOV80    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV81  | LOV81    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV82  | LOV82    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV83  | LOV83    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV84  | LOV84    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV85  | LOV85    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV86  | LOV86    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV87  | LOV87    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV88  | LOV88    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV89  | LOV89    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| LOV90  | LOV90    | 1.82E-02 | 7.95E-02 |      |      |        |        |        |        |
| FPUMP1 | FPUMP1   |          |          |      |      |        |        |        |        |
| FPUMP2 | FPUMP2   |          |          |      |      |        |        |        |        |
| EGEN1  | EGEN1    |          |          |      |      |        |        |        |        |

| EPN      | Model ID | LUBEOIL | LUBEOIL | EGME     | EGME     | ETHYOX   | ETHYOX   | DIESEL   | DIESEL   |
|----------|----------|---------|---------|----------|----------|----------|----------|----------|----------|
|          |          | 1-HR    | ANN     | 1-HR     | ANN      | 1-HR     | ANN      | 1-HR     | ANN      |
| EGEN2    | EGEN2    |         |         |          |          |          |          |          |          |
| EGEN3    | EGEN3    |         |         |          |          |          |          |          |          |
| EGEN4    | EGEN4    |         |         |          |          |          |          |          |          |
| EGEN5    | EGEN5    |         |         |          |          |          |          |          |          |
| EGEN6    | EGEN6    |         |         |          |          |          |          |          |          |
| ENGINE-1 | ENGINE_1 |         |         |          |          |          |          |          |          |
| ENGINE-2 | ENGINE_2 |         |         |          |          |          |          |          |          |
| NGFUG    | NGFUG    |         |         |          |          |          |          |          |          |
| NH3FUG   | NH3FUG   |         |         |          |          |          |          |          |          |
| MSSFUG   | MSSFUG   |         |         | 2.28E+00 | 4.13E-01 | 4.57E+00 | 8.27E-01 |          |          |
| FUG-SF6  | FUG_SF6  |         |         |          |          |          |          |          |          |
| TNK-DSL1 | TNK_DSL1 |         |         |          |          |          |          | 1.09E-01 | 6.29E-03 |
| TNK-DSL2 | TNK_DSL2 |         |         |          |          |          |          | 1.09E-01 | 4.90E-03 |
| TNK-DSL3 | TNK_DSL3 |         |         |          |          |          |          | 1.09E-01 | 4.90E-03 |
| TNK-DSL4 | TNK_DSL4 |         |         |          |          |          |          | 1.09E-01 | 4.90E-03 |



# Appendix B

## **TCEQ Electronic Modeling Evaluation Workbook**

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**General**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

TCEQ 20835, Version 3.0

**Purpose Statement:**

This workbook is completed by the applicant and submitted to the Texas Commission on Environmental Quality (TCEQ). This workbook is a tool available for all Minor New Source Review (NSR) projects using AERSCREEN, AERMOD, or ISC/ISCPrime for an impacts review and its use is required as of July 1, 2025. Provide the workbook with the permit application submittal for any Minor NSR project requiring a modeling impacts demonstration. Note: This workbook is only for AERSCREEN, AERMOD, or ISC/ISCPrime analyses. If SCREEN3 is relied on, the Electronic Modeling Evaluation Workbook (EMEW) for SCREEN3 should be used.

Projects for which pollutants trigger Prevention of Significant Deterioration (PSD) review should submit a protocol and not utilize this form. Note for projects that contain both PSD and Minor NSR reviews, the Minor NSR analyses should be documented in the EMEW and submitted with the PSD protocol. Alternatively, all Minor NSR analyses may be documented in the PSD protocol, in which case an EMEW is not required.

This workbook follows the guidance outlined in the Air Quality Modeling Guidelines (AQMG), APDG 6232 which can be found here:

[https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsr\\_mod\\_guidance.html](https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsr_mod_guidance.html)

Information on active TCEQ air dispersion modeling policy memos can be found here:

[https://www.tceq.texas.gov/permitting/air/memos/modeling\\_memos.html](https://www.tceq.texas.gov/permitting/air/memos/modeling_memos.html)

**General Workbook Information:**

Under Texas Government Code 559.003(a), individuals are entitled to receive and review any information collected by TCEQ about the individual by means of a form that is completed and filed with TCEQ in a paper or electronic format on the TCEQ website consistent with Texas Government Code sec., 559.003(b). The individual is also entitled to have TCEQ correct information about the individual that is incorrect.

If you have questions on how to fill out this form or about the Air Permits Division, contact us at 512-239-1250.

Accessibility Disclaimer: This workbook contains intentionally blank cells.

**Workbook Instructions:**

1. Save a copy of the workbook to your computer or desktop prior to entering data.
2. Complete all required sections leaving no blanks. Use the "tab" button or the arrow keys to move to the next available cell. Use "enter" to move down a line.
3. Fill in the workbook in order - from left to right, top to bottom, and tabs in the order they are represented. Do not skip around as this will cause errors. Use caution if changing a previously entered entry. **Note: When pasting, always use Excel's "Paste as Values" option from the right-click menu.**
4. Do not include formulas with links to other workbooks.
5. Not applicable sections of this workbook will be hidden as data is entered. For example, answering "No" to "Is downwash applicable?" will hide the sections of the workbook required only for downwash entry.
6. If the permit application is required to be submitted through State of Texas Environmental Electronic Reporting System (STEERS), the EMEW or modeling protocol (if PSD review is triggered) and any supplemental attachments (except modeling files) must be submitted as an application attachment in STEERS. All modeling files accompanying an EMEW should be submitted utilizing TCEQ Secure File Transfer Protocol (FTPS) (for initial submittal, share with [apirt@tceq.texas.gov](mailto:apirt@tceq.texas.gov)). Information accompanying an EMEW should be submitted at the same time as the application submittal. See Required Attachments and Additional Attachments (as applicable) sections below for more information on submitting supplemental information with the EMEW. Note: modeling files are highly recommended but not required for application submittal. Information on TCEQ FTPS can be found here:

<https://ftps.tceq.texas.gov/help/>

7. If printing the EMEW, follow the directions below to create a workbook header.
8. Printing the EMEW is not required for submitting to the Air Permits Division (APD); however, it might need to be printed for sending to the regional offices, local programs, and for public access if notice is required. To print the workbook, follow the instructions below. Be aware, several sheets contain large amounts of data and caution should be taken if printing, such as the Speciated Chemicals sheet and Speciated Emissions sheet.
9. Updates may be necessary throughout the review process. Updated workbooks must be submitted in electronic format to APD. For submittal to regional offices, local programs, or public places, applicant only has to print sheets that had updates. Change the headers accordingly, if applicable.

**Note:** Since this will be part of the permit application, follow the instructions in the Form PI-1 General Application on where to send copies of the EMEW and permit application. The Form PI-1 General Application can be found here:

<https://www.tceq.texas.gov/permitting/air/guidance/newsourcesreview/nsrapp-tools.html>

**Create Headers Before Printing:**

1. Right-click one of the workbook's sheet tabs and "Select All Sheets."
2. Enter the "Page Layout View" by using the navigation ribbon's View > Workbook Views > Page Layout, or by clicking the page layout icon in the lower-right corner of Excel.
3. Add the date, company name, and permit number (if known) to the upper-right header. Note that this may take up to a minute to update the spreadsheet. Select any tab to continue working on the spreadsheet.

**Printing Tips:**

1. The default printing setup for each sheet in the workbook is set for the TCEQ preferred format. The print areas are set up to not include the instructions on each sheet.
2. Applicant has access to change all printing settings to fit their needs and printed font size. Some common options include:
  - Change what area is being printed (whole active sheet or a selection);
  - Change the orientation (portrait or landscape);
  - Change the margin size; and
  - Change the scaling (all columns on one sheet, full size, custom selection, etc.).

**Final Modeling Submittal:**

Anytime final modeling files are being submitted, the applicant should notify the following: permit reviewer assigned and permit reviewer's supervisor.

The following options are available for an applicant to provide modeling (or any other files):

1. Applicant can transfer files through a File Transfer Protocol (FTP) site:
  - a. Applicant may have their own FTP site and can share the files with TCEQ staff.
  - b. Applicants can use the TCEQ FTPS site.
2. Applicant can email files smaller than 25mb.
3. Applicant can mail or hand deliver the files on an external storage device.

Instructions for setting up an account on the TCEQ FTPS site are located at:

<https://ftps.tceq.texas.gov/help/>

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**General**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| Acknowledgement:                                                                                                                                                                                                                                                                                                                           | Select from the dropdown: | Applicant Internal Comments                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------|
| I acknowledge that I am submitting an authorized TCEQ Electronic Modeling Evaluation Workbook and any necessary attachments. Except for inputting the requested data, I have not changed the TCEQ Electronic Modeling Evaluation Workbook in any way, including but not limited to changing formulas, formatting, content, or protections. | I agree                   | All internal comments must be deleted prior to submittal. |

| Administrative Information:                                    |                                                        |
|----------------------------------------------------------------|--------------------------------------------------------|
| <b>Data Type:</b>                                              | <b>Facility Information:</b>                           |
| Project Number (6 digits):                                     |                                                        |
| Permit Number(s):                                              | TBD                                                    |
| Regulated Entity ID (9 digits):                                |                                                        |
| Facility Name:                                                 | Fermi America Project Matador                          |
| Facility Address:                                              | 15 Miles NE of Amarillo on US Hwy 60 (Hwy 60 & FM2373) |
| Facility County:                                               | Carson                                                 |
| Company Name:                                                  | Fermi Equipment Holdco, LLC                            |
| Company Contact Name:                                          | Charles Hamilton                                       |
| Company Contact Number:                                        | (806) 789-4300                                         |
| Company Contact Email:                                         | charlie.hamilton@fermiamerica.com                      |
| Modeling Company Name, as applicable:                          | TRC Environmental Corporation                          |
| Modeling Contact Name:                                         | Elizabeth Stanko                                       |
| Modeling Contact Number:                                       | (713) 244-1039                                         |
| Modeling Contact Email:                                        | estanko@trccompanies.com                               |
| New/Existing Site:                                             | New site                                               |
| Initial modeling or final modeling submittal?                  | Initial modeling                                       |
| Modeling files included with application submittal (optional)? | No                                                     |
| Modeling Date (MM/DD/YYYY or MM-DD-YYYY):                      |                                                        |
| Datum Used:                                                    | NAD 83                                                 |
| Universal Transverse Mercator (UTM) Zone:                      | 14                                                     |

| Table of Contents:                                                                                                                                                                                                     |                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Section Instructions:</b> Indicate in the Table of Contents which sections are applicable and included for this modeling demonstration. Select "X" from the dropdown if the item below is included in the workbook. |                                                  |
| <b>Sheet Title (Click to jump to specific sheet):</b>                                                                                                                                                                  | <b>Select "X" from the dropdown if included:</b> |
| <a href="#">General</a>                                                                                                                                                                                                | X                                                |
| <a href="#">Model Options</a>                                                                                                                                                                                          | X                                                |
| <a href="#">Building Downwash</a>                                                                                                                                                                                      |                                                  |
| <a href="#">Flare Source Parameters</a>                                                                                                                                                                                |                                                  |
| <a href="#">Point Source Parameters</a>                                                                                                                                                                                | X                                                |
| <a href="#">Area Source Parameters</a>                                                                                                                                                                                 |                                                  |
| <a href="#">Volume Source Calculations</a>                                                                                                                                                                             | X                                                |
| <a href="#">Volume Source Parameters</a>                                                                                                                                                                               | X                                                |
| <a href="#">Modeling Scenarios</a>                                                                                                                                                                                     | X                                                |
| <a href="#">Modeled Source Groups</a>                                                                                                                                                                                  |                                                  |
| <a href="#">Flare &amp; Point Source Emissions</a>                                                                                                                                                                     | X                                                |
| <a href="#">Area Source Emissions</a>                                                                                                                                                                                  |                                                  |
| <a href="#">Volume Source Emissions</a>                                                                                                                                                                                | X                                                |
| <a href="#">Intermittent Sources</a>                                                                                                                                                                                   |                                                  |
| <a href="#">Speciated Chemicals</a>                                                                                                                                                                                    | X                                                |
| <a href="#">Speciated Emissions</a>                                                                                                                                                                                    | X                                                |
| <a href="#">Summary of Emissions</a>                                                                                                                                                                                   | Sheet automatically generated                    |
| <a href="#">Monitor Calculations</a>                                                                                                                                                                                   |                                                  |
| <a href="#">Background Justification</a>                                                                                                                                                                               |                                                  |
| <a href="#">Secondary Formation of PM2.5</a>                                                                                                                                                                           |                                                  |
| <a href="#">NAAQS/State Property Line (SPL) Modeling Results</a>                                                                                                                                                       |                                                  |
| <a href="#">Unit Impact Multipliers</a>                                                                                                                                                                                |                                                  |
| <a href="#">Health Effects Modeling Results</a>                                                                                                                                                                        |                                                  |
| <a href="#">Modeling File Names</a>                                                                                                                                                                                    |                                                  |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### General

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| Required Attachments:                                                                                                                                                                                                                                                                                                                                                                                         |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Notes:</b><br>1. The following are attachments that must be included with any modeling analysis.<br>2. If providing the plot plan and area map with the permit application, ensure there is also a copy with the EMEW.<br>3. For larger properties or dense source areas, provide multiple zoomed-in plot plans that are legible.<br>4. All plot plans and area maps should not be marked as confidential. |                              |
| Required Attachments                                                                                                                                                                                                                                                                                                                                                                                          | Select "X" from the dropdown |
| <b>Is a Plot Plan attached?</b><br>Make sure all property/fence lines are visible and marked, all modeled sources and buildings are clearly labeled, and a north arrow and clearly marked scale are included.                                                                                                                                                                                                 | X                            |
| <b>Is an Area Map attached?</b><br>Include all property lines, annotate schools within 3,000 ft of the nearest property line, and identify all non-industrial receptors.                                                                                                                                                                                                                                      | X                            |

| Additional Attachments (as applicable):                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Notes:</b><br>1. These are a few examples of attachments that may need to be included. There may be others depending on the scope of the modeling analysis.<br>2. Information provided in the EMEW does not need to be provided or duplicated in an additional or supplemental attachment. Additional and supplemental attachments are for information that cannot fit in an EMEW.<br>3. All essential supplemental and/or additional attachments should not be marked as confidential. |                                           |
| Site Specific Processed Met Data Information                                                                                                                                                                                                                                                                                                                                                                                                                                               | Select "X" from the dropdown if included: |
| Raw data files (ASOS, surface, and upper air).                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |
| Pre-processor input and output files (AERMINUTE and AERSURFACE).                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |
| AERMET input and output files (all stages).                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |
| AERMOD/AERSCREEN ready files (surface and upper air).                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |
| Modeling Techniques and Scenarios                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Select "X" from the dropdown if included: |
| Provide all justification and discussion on modeling scenarios used for the modeling analyses. Below are examples of approaches that may be provided as justification.                                                                                                                                                                                                                                                                                                                     |                                           |
| Discussion on modeling techniques not discussed in workbook.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |
| Justification for exceedance refinements, as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |
| Discussion and images for worst-case determination, as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |
| Single Property Line Designation (SPLD), as applicable                                                                                                                                                                                                                                                                                                                                                                                                                                     | Select "X" from the dropdown if included: |
| Include the most recent agreement, order, and map defining each petitioner.                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |
| Post Processing using Unit Impact Multipliers (UIMs)                                                                                                                                                                                                                                                                                                                                                                                                                                       | Select "X" from the dropdown if included: |
| Include documentation on any calculations used with the UIMs (i.e., Step 3 of the Modeling and Effects Review Applicability [MERA] guidance).<br>It is highly recommended to provide the UIM calculations in an Excel Spreadsheet format (do not lock cells or reference local drives).                                                                                                                                                                                                    |                                           |
| Tier 3 NO <sub>2</sub> analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Select "X" from the dropdown if included: |
| If OLM, PVMRM, or GRSM are used, provide all justification and documentation on using the approach. Note the use of the Tier 3 modeling option must be approved prior to the final modeling submittal.                                                                                                                                                                                                                                                                                     |                                           |
| Description of model setup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |
| Description and justification of model options selected (i.e., NO <sub>x</sub> to NO <sub>2</sub> in-stack ratios).                                                                                                                                                                                                                                                                                                                                                                        |                                           |
| Raw monitoring data and any associated calculations in Excel spreadsheet format (do not lock cells or reference local drives).                                                                                                                                                                                                                                                                                                                                                             |                                           |
| Other Attachments                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Select "X" from the dropdown if included: |
| Replace this text with the title(s) of the additional attachment(s) being provided that are not listed above.                                                                                                                                                                                                                                                                                                                                                                              |                                           |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Model Options

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

#### I. Project Information

|                                                                                                                                                    |                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Project Overview:</b> Give a brief project overview. To type or insert text, double click in the cell (response limited to 2000 characters). | Project to install 15 6x1 combined cycle natural gas-fired combustion turbines as well as associated ancillary equipment. Includes 15 cooling towers, 90 lube oil vents, 2 fire pumps, 6 emergency generators, 2 black start generators, 4 diesel tanks and associated fugitive sources. |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### II. Air Dispersion Modeling Preliminary Information

**Instructions:** Fill in the information below based on the modeling setup. The selections chosen in this sheet will carry throughout the sheet and workbook. Based on selections below, only portions of the sheet and workbook will be available. Therefore, it is vital the sheet and workbook are filled out in order. Do not skip around.

For larger text boxes, double click to type or insert text.

##### A. Type of Model Used:

| Type                                     | Select "X" in all that apply |
|------------------------------------------|------------------------------|
| AERMOD                                   | X                            |
| AERSCREEN                                |                              |
| Enter in all applicable Model Version(s) | 2412                         |

##### B. Building Downwash:

| Requested Information                                                                                           | Response       |
|-----------------------------------------------------------------------------------------------------------------|----------------|
| Is building downwash applicable? Select "Yes" if a volume source will be located on or adjacent to a structure. | Choose an item |
| Enter BPIP version (AERMOD and ISCPrime only)                                                                   | 4274           |

##### C. Type of Analyses:

| Type                                                                            | Select "X" in all that apply |
|---------------------------------------------------------------------------------|------------------------------|
| Minor NSR National Ambient Air Quality Standards (NAAQS)                        |                              |
| Health Effects                                                                  | X                            |
| State Property Line                                                             | X                            |
| *PSD projects should submit a protocol or AQA report and not utilize this form. | -                            |

## Electronic Modeling Evaluation Workbook (EMEW)

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

[illegible]

**Health Effects:** Fill in the Speciated Emissions sheet with all applicable pollutants, CAS numbers, and ESLs.

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Model Options**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

|                                                                                                                                                                              |                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>E. Dispersion Options:</b>                                                                                                                                                |                                                                         |
| <b>Requested information</b>                                                                                                                                                 | <b>Response</b>                                                         |
| Select a dispersion option:                                                                                                                                                  | Rural                                                                   |
| Provide justification on the dispersion option selected above (response limited to 500 characters).                                                                          | Site is located 15 miles northeast of Amarillo, Texas, in a rural area. |
| <b>F. Determination of Surface Roughness: If AERSCREEN or AERMOD is used, fill out the section below.</b>                                                                    |                                                                         |
| <b>Requested information</b>                                                                                                                                                 | <b>Response</b>                                                         |
| Select basis for surface roughness:                                                                                                                                          | AERSURFACE                                                              |
|                                                                                                                                                                              |                                                                         |
|                                                                                                                                                                              |                                                                         |
|                                                                                                                                                                              |                                                                         |
|                                                                                                                                                                              |                                                                         |
| <b>If the applicant is using AERSURFACE, complete this section</b>                                                                                                           | <b>Response</b>                                                         |
| AERSURFACE Version Number                                                                                                                                                    | 24142                                                                   |
| Center UTM Easting (m)                                                                                                                                                       | 265774                                                                  |
| Center UTM Northing (m)                                                                                                                                                      | 3907506                                                                 |
| National Land Cover Database (NLCD) Land Cover (year)                                                                                                                        | 2021                                                                    |
| NLCD Impervious Surface (year)<br>Land Cover data should not be supplemented with Impervious Surface data only or Tree Canopy data only, or with inconsistent years of data. | 2021                                                                    |
| NLCD Tree Canopy (year)<br>Land Cover data should not be supplemented with Impervious Surface data only or Tree Canopy data only, or with inconsistent years of data.        | 2021                                                                    |
| Study Radius (km)                                                                                                                                                            | 1                                                                       |
| Airport?                                                                                                                                                                     | No                                                                      |
| Continuous Snow Cover                                                                                                                                                        | No                                                                      |
| Surface Moisture                                                                                                                                                             | Average                                                                 |
| Arid Region?                                                                                                                                                                 | No                                                                      |
| Month/Season Assignment                                                                                                                                                      | Default                                                                 |
|                                                                                                                                                                              |                                                                         |
| Surface Roughness Length [Z <sub>s</sub> ] (m)                                                                                                                               | 0.075                                                                   |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Model Options

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| G. Meteorological Data:                                                                                                                                                                      |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>If AERMOD or ISC/ISCPrime are selected, complete this section</b>                                                                                                                         | <b>Response</b>              |
| Surface Station (4-5 digits)                                                                                                                                                                 | 23047                        |
| Upper Air Station (4-5 digits)                                                                                                                                                               | 23047                        |
| Profile Base Elevation, AERMOD only (m)                                                                                                                                                      | 1098                         |
| AERMET Version Number                                                                                                                                                                        | 22112                        |
|                                                                                                                                                                                              |                              |
| Was TCEQ pre-processed data used?                                                                                                                                                            | Yes                          |
| Select the TCEQ pre-processed data surface roughness category:                                                                                                                               | <i>Choose an item</i>        |
| <b>Enter the year(s) selected for this meteorological data</b>                                                                                                                               | <b>Response</b>              |
| 1 Year (yyyy)                                                                                                                                                                                | 2021                         |
| 5 Years                                                                                                                                                                                      | 2017, 2018, 2019, 2020, 2021 |
| Which analysis(es) relied on 1 year?                                                                                                                                                         |                              |
| Which analysis(es) relied on 5 years?                                                                                                                                                        |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
|                                                                                                                                                                                              |                              |
| Provide any other justification for section G. Meteorological Data, as applicable (response limited to 500 characters). Additional information can be provided as an attachment to the EMEW. |                              |



# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Model Options

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

#### H. Receptor Grid:

For AERMOD or ISC/ISCPrime, fill in the following information on the modeled receptor grid. Note: Receptor grid resolution (tight, fine, medium, coarse) are based on recommended receptor grid spacing per the AQMG. If something outside of this is used, fully describe it below. Also, consider secondary contributions when determining significant receptors for PM<sub>2.5</sub>. See Note 2 on the Secondary Formation of PM<sub>2.5</sub> sheet for more information.

| Parameter                                                                                                                                                             | Value |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Tight Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 25 meter spacing is recommended for tight receptor spacing.)                                        | 25    |
| <b>Tight Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, tight receptor spacing could extend up to 200-300 meters from the sources being evaluated.)        | 300   |
| <b>Fine Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 100 meter spacing is recommended for fine receptor spacing.)                                         | 100   |
| <b>Fine Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, fine receptors could extend one kilometer from the sources being evaluated.)                        | 1000  |
| <b>Medium Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 500 meter spacing is recommended for medium receptor spacing, as applicable.)                      | 500   |
| <b>Medium Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, medium receptors could extend from one to five kilometers from the sources being evaluated.)      | 5000  |
| <b>Coarse Receptor Spacing (m)</b><br>(Per Appendix M of the AQMG, 1 kilometer spacing is recommended for coarse receptor spacing, as applicable.)                    | 1000  |
| <b>Coarse Receptor Distance (m)</b><br>(Per Appendix M of the AQMG, coarse receptors could extend out to 50 km, as needed.)                                           | 50000 |
| Describe any other receptor grid designs or locations of interest (e.g., significant receptors, over water, GLCni, SPLD, etc.) (response limited to 1500 characters). |       |
|                                                                                                                                                                       |       |

#### I. Terrain:

| Requested Information                                                                                                 | Response |
|-----------------------------------------------------------------------------------------------------------------------|----------|
| Select the terrain option being modeled:                                                                              | Elevated |
| AERMAP Version                                                                                                        | 24142    |
| Provide additional justification for the selected terrain option, if applicable (response limited to 500 characters). |          |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|--------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| CT-1     | CT_1     | Routine           | Cooling Tower 1    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262690.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-2     | CT_2     | Routine           | Cooling Tower 2    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262710.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-3     | CT_3     | Routine           | Cooling Tower 3    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262730.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-4     | CT_4     | Routine           | Cooling Tower 4    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 262990.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-5     | CT_5     | Routine           | Cooling Tower 5    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 263010.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-6     | CT_6     | Routine           | Cooling Tower 6    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 263030.00      | 3908590.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-7     | CT_7     | Routine           | Cooling Tower 7    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269120.00      | 3908600.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-8     | CT_8     | Routine           | Cooling Tower 8    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269140.00      | 3908600.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-9     | CT_9     | Routine           | Cooling Tower 9    | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269160.00      | 3908600.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-10    | CT_10    | Routine           | Cooling Tower 10   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269600.00      | 3908550.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-11    | CT_11    | Routine           | Cooling Tower 11   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269620.00      | 3908550.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-12    | CT_12    | Routine           | Cooling Tower 12   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 269640.00      | 3908550.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-13    | CT_13    | Routine           | Cooling Tower 13   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 270100.00      | 3908700.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-14    | CT_14    | Routine           | Cooling Tower 14   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 270120.00      | 3908700.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| CT-15    | CT_15    | Routine           | Cooling Tower 15   | POINT (Pseudo)    | Passive vent top of cooling tower | Top of cooling tower                      | 270140.00      | 3908700.00      | TBD using AERMAP   | 9.14       | 0.00                 | 0.001               | 0.001        |
| HRSGA-1  | HRSGA_1  | Routine           | HRSGA-1            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-2  | HRSGA_2  | Routine           | HRSGA-2            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-3  | HRSGA_3  | Routine           | HRSGA-3            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-4  | HRSGA_4  | Routine           | HRSGA-4            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-5  | HRSGA_5  | Routine           | HRSGA-5            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-6  | HRSGA_6  | Routine           | HRSGA-6            | POINT             | Turbine stack                     |                                           | 262690.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-7  | HRSGA_7  | Routine           | HRSGA-7            | POINT             | Turbine stack                     |                                           | 262740.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-8  | HRSGA_8  | Routine           | HRSGA-8            | POINT             | Turbine stack                     |                                           | 262740.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-9  | HRSGA_9  | Routine           | HRSGA-9            | POINT             | Turbine stack                     |                                           | 262740.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-10 | HRSGA_10 | Routine           | HRSGA-10           | POINT             | Turbine stack                     |                                           | 262740.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-11 | HRSGA_11 | Routine           | HRSGA-11           | POINT             | Turbine stack                     |                                           | 262740.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-12 | HRSGA_12 | Routine           | HRSGA-12           | POINT             | Turbine stack                     |                                           | 262740.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-13 | HRSGA_13 | Routine           | HRSGA-13           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-14 | HRSGA_14 | Routine           | HRSGA-14           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-15 | HRSGA_15 | Routine           | HRSGA-15           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-16 | HRSGA_16 | Routine           | HRSGA-16           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-17 | HRSGA_17 | Routine           | HRSGA-17           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGA-18 | HRSGA_18 | Routine           | HRSGA-18           | POINT             | Turbine stack                     |                                           | 262790.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-1  | HRSGB_1  | Routine           | HRSGB-1            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-2  | HRSGB_2  | Routine           | HRSGB-2            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-3  | HRSGB_3  | Routine           | HRSGB-3            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-4  | HRSGB_4  | Routine           | HRSGB-4            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-5  | HRSGB_5  | Routine           | HRSGB-5            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGB-6  | HRSGB_6  | Routine           | HRSGB-6            | POINT             | Turbine stack                     |                                           | 262990.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN     | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|---------|----------|-------------------|--------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRSGB-7 | HRSGB_7  | Routine           | HRSGB-7            | POINT             | Turbine stack              |                                           | 263040.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|--------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRSG-8   | HRSG-8   | Routine           | HRSG-8             | POINT             | Turbine stack              |                                           | 263040.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-9   | HRSG-9   | Routine           | HRSG-9             | POINT             | Turbine stack              |                                           | 263040.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-10  | HRSG-10  | Routine           | HRSG-10            | POINT             | Turbine stack              |                                           | 263040.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-11  | HRSG-11  | Routine           | HRSG-11            | POINT             | Turbine stack              |                                           | 263040.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-12  | HRSG-12  | Routine           | HRSG-12            | POINT             | Turbine stack              |                                           | 263040.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-13  | HRSG-13  | Routine           | HRSG-13            | POINT             | Turbine stack              |                                           | 263090.00      | 3908540.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-14  | HRSG-14  | Routine           | HRSG-14            | POINT             | Turbine stack              |                                           | 263090.00      | 3908490.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-15  | HRSG-15  | Routine           | HRSG-15            | POINT             | Turbine stack              |                                           | 263090.00      | 3908440.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-16  | HRSG-16  | Routine           | HRSG-16            | POINT             | Turbine stack              |                                           | 263090.00      | 3908390.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-17  | HRSG-17  | Routine           | HRSG-17            | POINT             | Turbine stack              |                                           | 263090.00      | 3908340.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSG-18  | HRSG-18  | Routine           | HRSG-18            | POINT             | Turbine stack              |                                           | 263090.00      | 3908290.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-1  | HRSGC-1  | Routine           | HRSGC-1            | POINT             | Turbine stack              |                                           | 269120.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-2  | HRSGC-2  | Routine           | HRSGC-2            | POINT             | Turbine stack              |                                           | 269120.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-3  | HRSGC-3  | Routine           | HRSGC-3            | POINT             | Turbine stack              |                                           | 269120.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-4  | HRSGC-4  | Routine           | HRSGC-4            | POINT             | Turbine stack              |                                           | 269120.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-5  | HRSGC-5  | Routine           | HRSGC-5            | POINT             | Turbine stack              |                                           | 269120.00      | 3908300.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-6  | HRSGC-6  | Routine           | HRSGC-6            | POINT             | Turbine stack              |                                           | 269120.00      | 3908250.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-7  | HRSGC-7  | Routine           | HRSGC-7            | POINT             | Turbine stack              |                                           | 269170.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-8  | HRSGC-8  | Routine           | HRSGC-8            | POINT             | Turbine stack              |                                           | 269170.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-9  | HRSGC-9  | Routine           | HRSGC-9            | POINT             | Turbine stack              |                                           | 269170.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-10 | HRSGC-10 | Routine           | HRSGC-10           | POINT             | Turbine stack              |                                           | 269170.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-11 | HRSGC-11 | Routine           | HRSGC-11           | POINT             | Turbine stack              |                                           | 269170.00      | 3908300.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-12 | HRSGC-12 | Routine           | HRSGC-12           | POINT             | Turbine stack              |                                           | 269170.00      | 3908250.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-13 | HRSGC-13 | Routine           | HRSGC-13           | POINT             | Turbine stack              |                                           | 269220.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-14 | HRSGC-14 | Routine           | HRSGC-14           | POINT             | Turbine stack              |                                           | 269220.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-15 | HRSGC-15 | Routine           | HRSGC-15           | POINT             | Turbine stack              |                                           | 269220.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-16 | HRSGC-16 | Routine           | HRSGC-16           | POINT             | Turbine stack              |                                           | 269220.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-17 | HRSGC-17 | Routine           | HRSGC-17           | POINT             | Turbine stack              |                                           | 269220.00      | 3908300.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGC-18 | HRSGC-18 | Routine           | HRSGC-18           | POINT             | Turbine stack              |                                           | 269220.00      | 3908250.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-1  | HRSGD-1  | Routine           | HRSGD-1            | POINT             | Turbine stack              |                                           | 269600.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-2  | HRSGD-2  | Routine           | HRSGD-2            | POINT             | Turbine stack              |                                           | 269650.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-3  | HRSGD-3  | Routine           | HRSGD-3            | POINT             | Turbine stack              |                                           | 269700.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-4  | HRSGD-4  | Routine           | HRSGD-4            | POINT             | Turbine stack              |                                           | 269750.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-5  | HRSGD-5  | Routine           | HRSGD-5            | POINT             | Turbine stack              |                                           | 269800.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-6  | HRSGD-6  | Routine           | HRSGD-6            | POINT             | Turbine stack              |                                           | 269850.00      | 3908450.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-7  | HRSGD-7  | Routine           | HRSGD-7            | POINT             | Turbine stack              |                                           | 269600.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-8  | HRSGD-8  | Routine           | HRSGD-8            | POINT             | Turbine stack              |                                           | 269650.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-9  | HRSGD-9  | Routine           | HRSGD-9            | POINT             | Turbine stack              |                                           | 269700.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-10 | HRSGD-10 | Routine           | HRSGD-10           | POINT             | Turbine stack              |                                           | 269750.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Point Source Parameters**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|--------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRSGD-11 | HRSGD_11 | Routine           | HRSGD-11           | POINT             | Turbine stack              |                                           | 269800.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-12 | HRSGD_12 | Routine           | HRSGD-12           | POINT             | Turbine stack              |                                           | 269850.00      | 3908400.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-13 | HRSGD_13 | Routine           | HRSGD-13           | POINT             | Turbine stack              |                                           | 269600.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-14 | HRSGD_14 | Routine           | HRSGD-14           | POINT             | Turbine stack              |                                           | 269650.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-15 | HRSGD_15 | Routine           | HRSGD-15           | POINT             | Turbine stack              |                                           | 269700.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-16 | HRSGD_16 | Routine           | HRSGD-16           | POINT             | Turbine stack              |                                           | 269750.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRSGD-17 | HRSGD_17 | Routine           | HRSGD-17           | POINT             | Turbine stack              |                                           | 269800.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN       | Model ID  | Modeling Scenario | Source Description | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|-----------|-----------|-------------------|--------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| HRS GD-18 | HRS GD_18 | Routine           | HRS GD-18          | POINT             | Turbine stack                     |                                           | 269850.00      | 3908350.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-1  | HRS GE_1  | Routine           | HRS GE-1           | POINT             | Turbine stack                     |                                           | 270100.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-2  | HRS GE_2  | Routine           | HRS GE-2           | POINT             | Turbine stack                     |                                           | 270150.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-3  | HRS GE_3  | Routine           | HRS GE-3           | POINT             | Turbine stack                     |                                           | 270200.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-4  | HRS GE_4  | Routine           | HRS GE-4           | POINT             | Turbine stack                     |                                           | 270250.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-5  | HRS GE_5  | Routine           | HRS GE-5           | POINT             | Turbine stack                     |                                           | 270300.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-6  | HRS GE_6  | Routine           | HRS GE-6           | POINT             | Turbine stack                     |                                           | 270350.00      | 3908600.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-7  | HRS GE_7  | Routine           | HRS GE-7           | POINT             | Turbine stack                     |                                           | 270100.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-8  | HRS GE_8  | Routine           | HRS GE-8           | POINT             | Turbine stack                     |                                           | 270150.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-9  | HRS GE_9  | Routine           | HRS GE-9           | POINT             | Turbine stack                     |                                           | 270200.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-10 | HRS GE_10 | Routine           | HRS GE-10          | POINT             | Turbine stack                     |                                           | 270250.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-11 | HRS GE_11 | Routine           | HRS GE-11          | POINT             | Turbine stack                     |                                           | 270300.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-12 | HRS GE_12 | Routine           | HRS GE-12          | POINT             | Turbine stack                     |                                           | 270350.00      | 3908550.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-13 | HRS GE_13 | Routine           | HRS GE-13          | POINT             | Turbine stack                     |                                           | 270100.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-14 | HRS GE_14 | Routine           | HRS GE-14          | POINT             | Turbine stack                     |                                           | 270150.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-15 | HRS GE_15 | Routine           | HRS GE-15          | POINT             | Turbine stack                     |                                           | 270200.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-16 | HRS GE_16 | Routine           | HRS GE-16          | POINT             | Turbine stack                     |                                           | 270250.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-17 | HRS GE_17 | Routine           | HRS GE-17          | POINT             | Turbine stack                     |                                           | 270300.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| HRS GE-18 | HRS GE_18 | Routine           | HRS GE-18          | POINT             | Turbine stack                     |                                           | 270350.00      | 3908500.00      | TBD using AERMAP   | 30.48      | 394.26               | 22.860              | 3.658        |
| LOV1      | LOV1      | Routine           | Lube Oil Vent 1    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV2      | LOV2      | Routine           | Lube Oil Vent 2    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV3      | LOV3      | Routine           | Lube Oil Vent 3    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV4      | LOV4      | Routine           | Lube Oil Vent 4    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV5      | LOV5      | Routine           | Lube Oil Vent 5    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV6      | LOV6      | Routine           | Lube Oil Vent 6    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262695.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV7      | LOV7      | Routine           | Lube Oil Vent 7    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV8      | LOV8      | Routine           | Lube Oil Vent 8    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV9      | LOV9      | Routine           | Lube Oil Vent 9    | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV10     | LOV10     | Routine           | Lube Oil Vent 10   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV11     | LOV11     | Routine           | Lube Oil Vent 11   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV12     | LOV12     | Routine           | Lube Oil Vent 12   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262745.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV13     | LOV13     | Routine           | Lube Oil Vent 13   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV14     | LOV14     | Routine           | Lube Oil Vent 14   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV15     | LOV15     | Routine           | Lube Oil Vent 15   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV16     | LOV16     | Routine           | Lube Oil Vent 16   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV17     | LOV17     | Routine           | Lube Oil Vent 17   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV18     | LOV18     | Routine           | Lube Oil Vent 18   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262795.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV19     | LOV19     | Routine           | Lube Oil Vent 19   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV20     | LOV20     | Routine           | Lube Oil Vent 20   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN   | Model ID | Modeling Scenario | Source Description | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|-------|----------|-------------------|--------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| LOV21 | LOV21    | Routine           | Lube Oil Vent 21   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV22 | LOV22    | Routine           | Lube Oil Vent 22   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV23 | LOV23    | Routine           | Lube Oil Vent 23   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV24 | LOV24    | Routine           | Lube Oil Vent 24   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 262995.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV25 | LOV25    | Routine           | Lube Oil Vent 25   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV26 | LOV26    | Routine           | Lube Oil Vent 26   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV27 | LOV27    | Routine           | Lube Oil Vent 27   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV28 | LOV28    | Routine           | Lube Oil Vent 28   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV29 | LOV29    | Routine           | Lube Oil Vent 29   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV30 | LOV30    | Routine           | Lube Oil Vent 30   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263045.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV31 | LOV31    | Routine           | Lube Oil Vent 31   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908540.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV32 | LOV32    | Routine           | Lube Oil Vent 32   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908490.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV33 | LOV33    | Routine           | Lube Oil Vent 33   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908440.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV34 | LOV34    | Routine           | Lube Oil Vent 34   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908390.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV35 | LOV35    | Routine           | Lube Oil Vent 35   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908340.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV36 | LOV36    | Routine           | Lube Oil Vent 36   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 263095.00      | 3908290.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV37 | LOV37    | Routine           | Lube Oil Vent 37   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV38 | LOV38    | Routine           | Lube Oil Vent 38   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV39 | LOV39    | Routine           | Lube Oil Vent 39   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV40 | LOV40    | Routine           | Lube Oil Vent 40   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV41 | LOV41    | Routine           | Lube Oil Vent 41   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908300.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV42 | LOV42    | Routine           | Lube Oil Vent 42   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269125.00      | 3908250.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV43 | LOV43    | Routine           | Lube Oil Vent 43   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV44 | LOV44    | Routine           | Lube Oil Vent 44   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV45 | LOV45    | Routine           | Lube Oil Vent 45   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV46 | LOV46    | Routine           | Lube Oil Vent 46   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV47 | LOV47    | Routine           | Lube Oil Vent 47   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908300.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV48 | LOV48    | Routine           | Lube Oil Vent 48   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269175.00      | 3908250.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV49 | LOV49    | Routine           | Lube Oil Vent 49   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV50 | LOV50    | Routine           | Lube Oil Vent 50   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV51 | LOV51    | Routine           | Lube Oil Vent 51   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV52 | LOV52    | Routine           | Lube Oil Vent 52   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV53 | LOV53    | Routine           | Lube Oil Vent 53   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908300.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV54 | LOV54    | Routine           | Lube Oil Vent 54   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269225.00      | 3908250.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV55 | LOV55    | Routine           | Lube Oil Vent 55   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269605.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV56 | LOV56    | Routine           | Lube Oil Vent 56   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269655.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV57 | LOV57    | Routine           | Lube Oil Vent 57   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269705.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV58 | LOV58    | Routine           | Lube Oil Vent 58   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269755.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV59 | LOV59    | Routine           | Lube Oil Vent 59   | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269805.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Point Source Parameters

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

| EPN    | Model ID | Modeling Scenario | Source Description        | Point Source Type | Point Source Justification        | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|--------|----------|-------------------|---------------------------|-------------------|-----------------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| LOV60  | LOV60    | Routine           | Lube Oil Vent 60          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269855.00      | 3908450.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV61  | LOV61    | Routine           | Lube Oil Vent 61          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269605.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV62  | LOV62    | Routine           | Lube Oil Vent 62          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269655.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV63  | LOV63    | Routine           | Lube Oil Vent 63          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269705.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV64  | LOV64    | Routine           | Lube Oil Vent 64          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269755.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV65  | LOV65    | Routine           | Lube Oil Vent 65          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269805.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV66  | LOV66    | Routine           | Lube Oil Vent 66          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269855.00      | 3908400.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV67  | LOV67    | Routine           | Lube Oil Vent 67          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269605.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV68  | LOV68    | Routine           | Lube Oil Vent 68          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269655.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV69  | LOV69    | Routine           | Lube Oil Vent 69          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269705.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV70  | LOV70    | Routine           | Lube Oil Vent 70          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269755.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV71  | LOV71    | Routine           | Lube Oil Vent 71          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269805.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV72  | LOV72    | Routine           | Lube Oil Vent 72          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 269855.00      | 3908350.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV73  | LOV73    | Routine           | Lube Oil Vent 73          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270105.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV74  | LOV74    | Routine           | Lube Oil Vent 74          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270155.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV75  | LOV75    | Routine           | Lube Oil Vent 75          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270205.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV76  | LOV76    | Routine           | Lube Oil Vent 76          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270255.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV77  | LOV77    | Routine           | Lube Oil Vent 77          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270305.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV78  | LOV78    | Routine           | Lube Oil Vent 78          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270355.00      | 3908600.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV79  | LOV79    | Routine           | Lube Oil Vent 79          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270105.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV80  | LOV80    | Routine           | Lube Oil Vent 80          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270155.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV81  | LOV81    | Routine           | Lube Oil Vent 81          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270205.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV82  | LOV82    | Routine           | Lube Oil Vent 82          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270255.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV83  | LOV83    | Routine           | Lube Oil Vent 83          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270305.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV84  | LOV84    | Routine           | Lube Oil Vent 84          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270355.00      | 3908550.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV85  | LOV85    | Routine           | Lube Oil Vent 85          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270105.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV86  | LOV86    | Routine           | Lube Oil Vent 86          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270155.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV87  | LOV87    | Routine           | Lube Oil Vent 87          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270205.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV88  | LOV88    | Routine           | Lube Oil Vent 88          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270255.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV89  | LOV89    | Routine           | Lube Oil Vent 89          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270305.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| LOV90  | LOV90    | Routine           | Lube Oil Vent 90          | POINT (Pseudo)    | Passive vent top of lube oil vent | Top of lube oil vent housing.             | 270355.00      | 3908500.00      | TBD using AERMAP   | 7.62       | -0.18                | 0.000               | 0.000        |
| FPUMP1 | FPUMP1   | Routine           | Fire System Pump Engine 1 | POINT             | Engine exhaust stack              |                                           | 263050.00      | 3908660.00      | TBD using AERMAP   | 3.05       | 789.26               | 36.222              | 0.152        |
| FPUMP2 | FPUMP2   | Routine           | Fire System Pump Engine 2 | POINT             | Engine exhaust stack              |                                           | 269350.00      | 3908600.00      | TBD using AERMAP   | 3.05       | 789.26               | 36.222              | 0.152        |
| EGEN1  | EGEN1    | Routine           | Emergency Engine 1        | POINT             | Engine exhaust stack              |                                           | 263100.00      | 3908660.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN2  | EGEN2    | Routine           | Emergency Engine 2        | POINT             | Engine exhaust stack              |                                           | 263150.00      | 3908660.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN3  | EGEN3    | Routine           | Emergency Engine 3        | POINT             | Engine exhaust stack              |                                           | 269400.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN4  | EGEN4    | Routine           | Emergency Engine 4        | POINT             | Engine exhaust stack              |                                           | 269450.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN5  | EGEN5    | Routine           | Emergency Engine 5        | POINT             | Engine exhaust stack              |                                           | 269500.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |
| EGEN6  | EGEN6    | Routine           | Emergency Engine 6        | POINT             | Engine exhaust stack              |                                           | 269550.00      | 3908600.00      | TBD using AERMAP   | 7.92       | 713.71               | 31.181              | 0.661        |



**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Point Source Parameters**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Source Description      | Point Source Type | Point Source Justification | Pseudo Point Release Height Justification | Easting: X (m) | Northing: Y (m) | Base Elevation (m) | Height (m) | Exit Temperature (K) | Exit Velocity (m/s) | Diameter (m) |
|----------|----------|-------------------|-------------------------|-------------------|----------------------------|-------------------------------------------|----------------|-----------------|--------------------|------------|----------------------|---------------------|--------------|
| ENGINE-1 | ENGINE_1 | Routine           | Black Start Generator 1 | POINT             | Engine exhaust stack       |                                           | 263200.00      | 3908660.00      | TBD using AERMAP   | 18.29      | 646.48               | 28.209              | 1.600        |
| ENGINE-2 | ENGINE_2 | Routine           | Black Start Generator 2 | POINT             | Engine exhaust stack       |                                           | 269600.00      | 3908600.00      | TBD using AERMAP   | 18.29      | 646.48               | 28.209              | 1.600        |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Volume Source Calculations

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Footprint of Source:<br>Length (m) | Footprint of Source:<br>Width (m) | Length of Side (making it a square)<br>SQRT(L * W)<br>(m) | Type of Volume Source (Sigma Y)<br>Pick from dropdown | Sigma Y<br>(m) | Vertical Span:<br>Min Release (m) | Vertical Span:<br>Max Release (m) | Vertical Dimension<br>(m) | Type of Volume Source (Sigma Z)<br>Pick from dropdown | Release Height<br>(middle point of vertical span)<br>(m) | Building Name<br>(if on/adjacent to a building)<br>Pick from dropdown | Adjacent Building Height, if applicable<br>(m) | Sigma Z<br>(m) |
|----------|----------|------------------------------------|-----------------------------------|-----------------------------------------------------------|-------------------------------------------------------|----------------|-----------------------------------|-----------------------------------|---------------------------|-------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|----------------|
| NGFUG    | NGFUG    | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| NH3FUG   | NH3FUG   | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| MSSFUG   | MSSFUG   | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| FUG-SF6  | FUG_SF6  | 914.40                             | 304.80                            | 527.93                                                    | Single Volume Source                                  | 122.774        | 0.00                              | 1.00                              | 1.00                      | Surface-Based Source                                  | 0.50                                                     |                                                                       |                                                | 0.465          |
| TNK-DSL1 | TNK_DSL1 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |
| TNK-DSL2 | TNK_DSL2 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |
| TNK-DSL3 | TNK_DSL3 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |
| TNK-DSL4 | TNK_DSL4 | 1.00                               | 1.00                              | 1.00                                                      | Single Volume Source                                  | 0.233          | 9.14                              | 10.14                             | 1.00                      | Elevated Source: On or Adjacent to Building           | 9.64                                                     |                                                                       | --                                             | Invalid Input  |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Volume Source Parameters**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

Volume Source Parameters:

| EPN      | Model ID | Modeling Scenario | Easting:<br>X (m) | Northing:<br>Y (m) | Base Elevation (m) | Modeled Release<br>Height (m) | Lateral<br>Dimension<br>Sigma Y (m) | Vertical<br>Dimension<br>Sigma Z (m) | Source Description                                  | Volume Source Size Justification |
|----------|----------|-------------------|-------------------|--------------------|--------------------|-------------------------------|-------------------------------------|--------------------------------------|-----------------------------------------------------|----------------------------------|
| NGFUG    | NGFUG    | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | Natural Gas Piping Fugitives                        | Size of associated process area  |
| NH3FUG   | NH3FUG   | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | SCR Delivery System Fugitives                       | Size of associated process area  |
| MSSFUG   | MSSFUG   | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | ILE Turbine Maintenance Activities                  | Size of associated process area  |
| FUG-SF6  | FUG_SF6  | Routine           | 269750.00         | 3908550.00         | TBD using AERMAP   | 0.50                          | 122.77                              | 0.47                                 | Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives | Size of associated process area  |
| TNK-DSL1 | TNK_DSL1 | Routine           | 263070.00         | 3908700.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 1                                       | 1x1 meter on top of storage tank |
| TNK-DSL2 | TNK_DSL2 | Routine           | 263170.00         | 3908700.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 2                                       | 1x1 meter on top of storage tank |
| TNK-DSL3 | TNK_DSL3 | Routine           | 269450.00         | 3908650.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 3                                       | 1x1 meter on top of storage tank |
| TNK-DSL4 | TNK_DSL4 | Routine           | 269500.00         | 3908650.00         | TBD using AERMAP   | 9.64                          | 0.23                                | Invalid Input                        | Diesel Tank 4                                       | 1x1 meter on top of storage tank |

**Texas Commission on Environmental Quality**

Date: 8-1-2025

**Electronic Modeling Evaluation Workbook (EMEW)**

Permit #: TBD

**Modeling Scenarios**

Company Name:Fermi Equipment Holdco LLC

| Modeling Scenario | Scenario Description         |
|-------------------|------------------------------|
| Routine           | Routine operating emissions. |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| Flare and Point Source Emissions: |          |                   |           |                        |                     |                |                                                                                             |                      |                                  |                                     |                          |                      |
|-----------------------------------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| EPN                               | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
| HRSGA-1                           | HRSGA_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-2                           | HRSGA_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-3                           | HRSGA_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-4                           | HRSGA_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-5                           | HRSGA_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-6                           | HRSGA_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-7                           | HRSGA_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-8                           | HRSGA_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-9                           | HRSGA_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-10                          | HRSGA_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-11                          | HRSGA_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-12                          | HRSGA_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-13                          | HRSGA_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-14                          | HRSGA_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-15                          | HRSGA_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-16                          | HRSGA_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-17                          | HRSGA_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-18                          | HRSGA_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-1                           | HRSGB_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-2                           | HRSGB_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-3                           | HRSGB_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-4                           | HRSGB_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-5                           | HRSGB_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-6                           | HRSGB_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-7                           | HRSGB_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-8                           | HRSGB_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-9                           | HRSGB_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-10                          | HRSGB_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-11                          | HRSGB_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-12                          | HRSGB_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-13                          | HRSGB_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-14                          | HRSGB_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-15                          | HRSGB_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-16                          | HRSGB_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-17                          | HRSGB_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-18                          | HRSGB_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-1                           | HRSGC_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-2                           | HRSGC_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-3                           | HRSGC_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-4                           | HRSGC_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-5                           | HRSGC_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-6                           | HRSGC_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-7                           | HRSGC_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-8                           | HRSGC_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-9                           | HRSGC_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-10                          | HRSGC_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Flare & Point Source Emissions

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGC-11 | HRSGC_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-12 | HRSGC_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-13 | HRSGC_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-14 | HRSGC_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-15 | HRSGC_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-16 | HRSGC_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-17 | HRSGC_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-18 | HRSGC_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-1  | HRSGD_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-2  | HRSGD_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-3  | HRSGD_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-4  | HRSGD_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-5  | HRSGD_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-6  | HRSGD_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-7  | HRSGD_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-8  | HRSGD_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-9  | HRSGD_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-10 | HRSGD_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-11 | HRSGD_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-12 | HRSGD_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-13 | HRSGD_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-14 | HRSGD_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-15 | HRSGD_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-16 | HRSGD_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-17 | HRSGD_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-18 | HRSGD_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-1  | HRSGE_1  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-2  | HRSGE_2  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-3  | HRSGE_3  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-4  | HRSGE_4  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-5  | HRSGE_5  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-6  | HRSGE_6  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-7  | HRSGE_7  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-8  | HRSGE_8  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-9  | HRSGE_9  | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-10 | HRSGE_10 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-11 | HRSGE_11 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-12 | HRSGE_12 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-13 | HRSGE_13 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-14 | HRSGE_14 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-15 | HRSGE_15 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-16 | HRSGE_16 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-17 | HRSGE_17 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-18 | HRSGE_18 | Routine           | H2SO4     | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-1  | HRSGA_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-2  | HRSGA_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-3  | HRSGA_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-4  | HRSGA_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-5  | HRSGA_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-6  | HRSGA_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-7  | HRSGA_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-8  | HRSGA_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-9  | HRSGA_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name:Fermi Equipment Holdco LLC

|          | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGA-10 | HRSGA_10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-11 | HRSGA_11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-12 | HRSGA_12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-13 | HRSGA_13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-14 | HRSGA_14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-15 | HRSGA_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-16 | HRSGA_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-17 | HRSGA_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-18 | HRSGA_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-1  | HRSGB_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-2  | HRSGB_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-3  | HRSGB_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-4  | HRSGB_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-5  | HRSGB_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-6  | HRSGB_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-7  | HRSGB_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-8  | HRSGB_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-9  | HRSGB_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-10 | HRSGB_10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-11 | HRSGB_11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-12 | HRSGB_12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-13 | HRSGB_13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-14 | HRSGB_14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-15 | HRSGB_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-16 | HRSGB_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-17 | HRSGB_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-18 | HRSGB_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-1  | HRSGC_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-2  | HRSGC_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-3  | HRSGC_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-4  | HRSGC_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-5  | HRSGC_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-6  | HRSGC_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-7  | HRSGC_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-8  | HRSGC_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-9  | HRSGC_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-10 | HRSGC_10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-11 | HRSGC_11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-12 | HRSGC_12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-13 | HRSGC_13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-14 | HRSGC_14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-15 | HRSGC_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-16 | HRSGC_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-17 | HRSGC_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGC-18 | HRSGC_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-1  | HRSGD_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-2  | HRSGD_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-3  | HRSGD_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-4  | HRSGD_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-5  | HRSGD_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-6  | HRSGD_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-7  | HRSGD_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-8  | HRSGD_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-9  | HRSGD_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-10 | HRSGD_10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-11 | HRSGD_11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-12 | HRSGD_12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-13 | HRSGD_13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-14 | HRSGD_14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |

**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGD-15 | HRSGD_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-16 | HRSGD_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-17 | HRSGD_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGD-18 | HRSGD_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-1  | HRSGE_1  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-2  | HRSGE_2  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-3  | HRSGE_3  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-4  | HRSGE_4  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-5  | HRSGE_5  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-6  | HRSGE_6  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-7  | HRSGE_7  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-8  | HRSGE_8  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-9  | HRSGE_9  | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-10 | HRSGE_10 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-11 | HRSGE_11 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-12 | HRSGE_12 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-13 | HRSGE_13 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-14 | HRSGE_14 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-15 | HRSGE_15 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-16 | HRSGE_16 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-17 | HRSGE_17 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-18 | HRSGE_18 | Routine           | H2SO4     | 24-hr                  | State Property Line | Site-Wide      |                                                                                             |                      | 0.110                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-1  | HRSGA_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-2  | HRSGA_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-3  | HRSGA_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-4  | HRSGA_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-5  | HRSGA_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-6  | HRSGA_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-7  | HRSGA_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-8  | HRSGA_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-9  | HRSGA_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-10 | HRSGA_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-11 | HRSGA_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-12 | HRSGA_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-13 | HRSGA_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-14 | HRSGA_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-15 | HRSGA_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-16 | HRSGA_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-17 | HRSGA_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGA-18 | HRSGA_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-1  | HRSGB_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-2  | HRSGB_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-3  | HRSGB_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-4  | HRSGB_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-5  | HRSGB_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-6  | HRSGB_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-7  | HRSGB_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-8  | HRSGB_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-9  | HRSGB_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-10 | HRSGB_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-11 | HRSGB_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-12 | HRSGB_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGB-13 | HRSGB_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |



**Texas Commission on Environmental Quality**  
**Electronic Modeling Evaluation Workbook (EMEW)**  
**Flare & Point Source Emissions**

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN       | Model ID  | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|-----------|-----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSG-B-14 | HRSG-B_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-B-15 | HRSG-B_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-B-16 | HRSG-B_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-B-17 | HRSG-B_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-B-18 | HRSG-B_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-1  | HRSG-C_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-2  | HRSG-C_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-3  | HRSG-C_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-4  | HRSG-C_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-5  | HRSG-C_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-6  | HRSG-C_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-7  | HRSG-C_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-8  | HRSG-C_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-9  | HRSG-C_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-10 | HRSG-C_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-11 | HRSG-C_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-12 | HRSG-C_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-13 | HRSG-C_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-14 | HRSG-C_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-15 | HRSG-C_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-16 | HRSG-C_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-17 | HRSG-C_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-C-18 | HRSG-C_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-1  | HRSG-D_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-2  | HRSG-D_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-3  | HRSG-D_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-4  | HRSG-D_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-5  | HRSG-D_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-6  | HRSG-D_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-7  | HRSG-D_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-8  | HRSG-D_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-9  | HRSG-D_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-10 | HRSG-D_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-11 | HRSG-D_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-12 | HRSG-D_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-13 | HRSG-D_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-14 | HRSG-D_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-15 | HRSG-D_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-16 | HRSG-D_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-17 | HRSG-D_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-D-18 | HRSG-D_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-1  | HRSG-E_1  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-2  | HRSG-E_2  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-3  | HRSG-E_3  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-4  | HRSG-E_4  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-5  | HRSG-E_5  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-6  | HRSG-E_6  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-7  | HRSG-E_7  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-8  | HRSG-E_8  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-9  | HRSG-E_9  | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-10 | HRSG-E_10 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-11 | HRSG-E_11 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-12 | HRSG-E_12 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-13 | HRSG-E_13 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-14 | HRSG-E_14 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSG-E-15 | HRSG-E_15 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Flare & Point Source Emissions

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

| EPN      | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate<br>(lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|----------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|----------------------------------|-------------------------------------|--------------------------|----------------------|
| HRSGE-16 | HRSGE_16 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-17 | HRSGE_17 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| HRSGE-18 | HRSGE_18 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.716                            | Permitted maximum normal operations | No                       |                      |
| FPUMP1   | FPUMP1   | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.004                            | Permitted maximum normal operations | No                       |                      |
| FPUMP2   | FPUMP2   | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.004                            | Permitted maximum normal operations | No                       |                      |
| EGEN1    | EGEN1    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN2    | EGEN2    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN3    | EGEN3    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN4    | EGEN4    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN5    | EGEN5    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| EGEN6    | EGEN6    | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.048                            | Permitted maximum normal operations | No                       |                      |
| ENGINE-1 | ENGINE_1 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.029                            | Permitted maximum normal operations | No                       |                      |
| ENGINE-2 | ENGINE_2 | Routine           | SO2       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.029                            | Permitted maximum normal operations | No                       |                      |

# Texas Commission on Environmental Quality

## Electronic Modeling Evaluation Workbook (EMEW)

### Volume Source Emissions

Date: 8-1-2025

Permit #: TBD

Company Name: Fermi Equipment Holdco LLC

Volume Source Emissions:

| EPN    | Model ID | Modeling Scenario | Pollutant | Modeled Averaging Time | Standard Type       | Review Context | Modeled Source Group ID<br>(if entering multiple source group IDs, separate with semicolon) | Intermittent Source? | Modeled Emission Rate (lb/hr) | Basis of Modeled Emission Rate      | Scalars or Factors Used? | Scalar/Factor in Use |
|--------|----------|-------------------|-----------|------------------------|---------------------|----------------|---------------------------------------------------------------------------------------------|----------------------|-------------------------------|-------------------------------------|--------------------------|----------------------|
| NGFUG  | NGFUG    | Routine           | H2S       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.000                         | Permitted maximum normal operations | No                       |                      |
| MSSFUG | MSSFUG   | Routine           | H2S       | 1-hr                   | State Property Line | Site-Wide      |                                                                                             |                      | 0.012                         | Permitted maximum normal operations | No                       |                      |

**Overall Quality** Date: 8-1-2025  
(MEW) Permit #: TBD  
Company Name: Fermi Equipment Holdco LLC

Page 27



## Speciated Emissions

Company Name:Fermi Equipment Holdco LLC

[illegible]

Company Name:Fermi Equipment Holdco LLC

Permit #: TBD

Page 29

**Air Permit Division Air Permit Support (APD-APS) Air Permitting Surcharge Payment  
Texas Commission on Environmental Quality**

To process a permit application as part of the expedited permit program, Air Permits Division (APD) requires a surcharge to cover expenses incurred to expedite the processing of an application using additional resources. The surcharge must be submitted along with the expedited request to Texas Commission on Environmental Quality (TCEQ).

**Instructions**

**I. Contact Information**

List the legal name of the company, corporation, partnership, or person who is requesting to expedite the processing of the application. List the Customer Reference Number (CN) and the Regulated Entity Number (RN). Provide the name, title, mailing address, telephone number, and e-mail address of the company official or technical contact. This person must have the authority to make binding agreements and representations on behalf of the applicant. Make sure all contact information matches the information provided on the application form associated with this request (e.g., PI-1).

**II. Project Information**

List the facility name, permit number, and project number, as applicable. This information should match Form Expedited Permit Request (APD-EXP).

**III. Surcharge Payment**

The fee amount for the various air permit projects are listed as follows:

| <b>Project Type</b>                               | <b>Fee Amount</b> |
|---------------------------------------------------|-------------------|
| Standard Permit (with public notice requirements) | \$3,000           |
| Title V General Operating Permit (GOP)            | \$3,000           |
| Title V Site Operating Permit (SOP)               | \$10,000          |
| NSR case-by-case permit                           | \$10,000          |
| Federal NSR permits                               | \$20,000          |

NSR case-by-case permit that accompanies a federal NSR permit does not have an additional surcharge.

Permits by rule (PBRs) and Standard Permit (which do not require public notice) must use the ePermits system and pay \$500 (**non-refundable**, flat surcharge). Surcharge will be collected through the ePermits system.

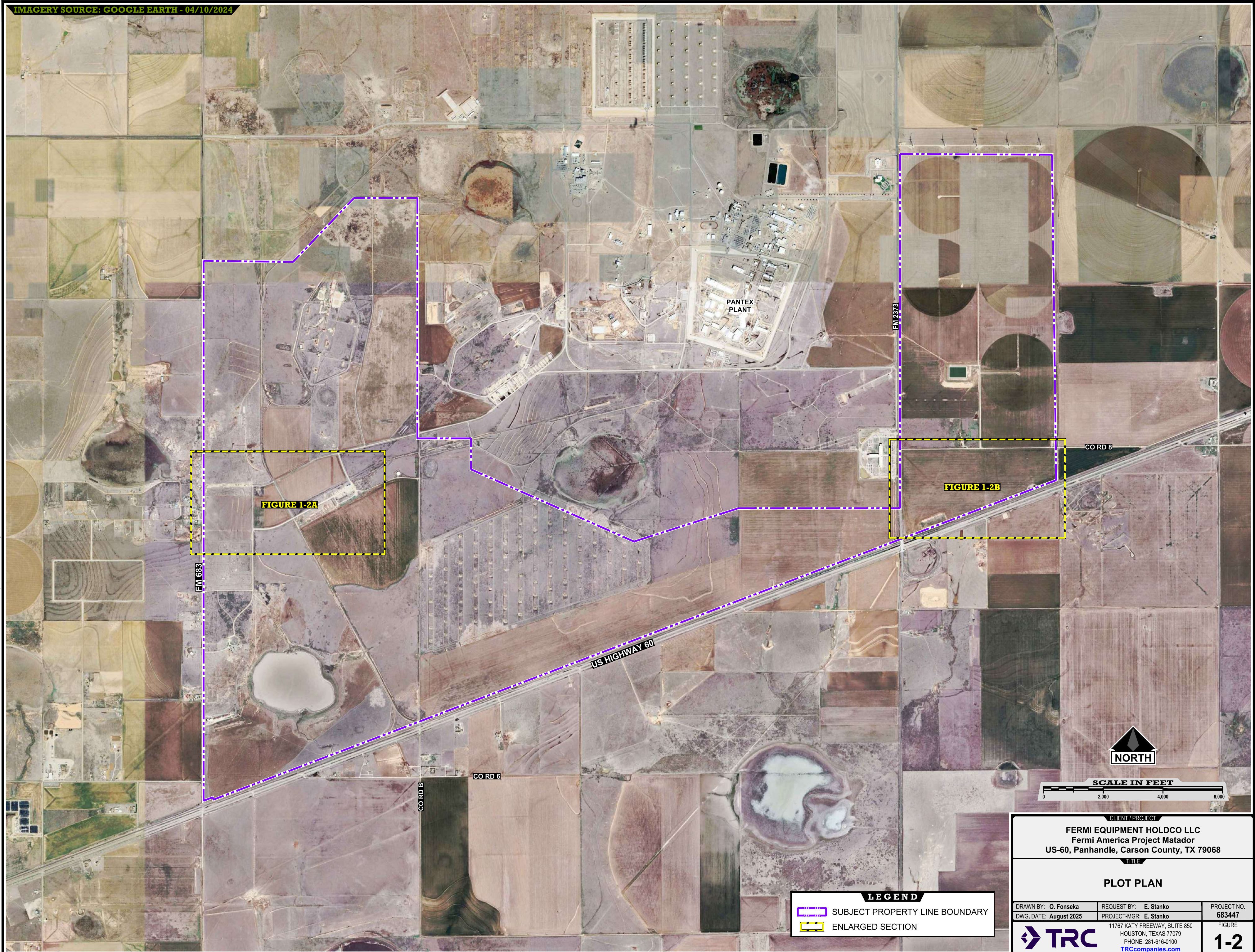
Mail the completed Form APD-APS Air Permitting Surcharge Payment and payment to:

TX Commission on Environmental Quality, Cashier's Office MC 214  
P.O. Box 13088, Austin, TX 78711-3088

**Air Permit Division Air Permit Support (APD-APS) Air Permitting Surcharge Payment  
Texas Commission on Environmental Quality**

|                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Contact Information</b>                                                                                                                                   |
| Company or Other Legal Customer Name: Fermi Equipment Holdco LLC                                                                                                |
| Customer Reference Number (CN): TBD                                                                                                                             |
| Regulated Entity Number (RN): TBD                                                                                                                               |
| Company Official or Technical Contact Information                                                                                                               |
| <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. <input type="checkbox"/> Other: |
| Name: Charlie                                                                                                                                                   |
| Title: Hamilton                                                                                                                                                 |
| Mailing Address: 600 S. Tyler, Suite 1501                                                                                                                       |
| City: Amarillo                                                                                                                                                  |
| State: Texas                                                                                                                                                    |
| ZIP Code: 79101                                                                                                                                                 |
| Telephone Number: 806-789-4300                                                                                                                                  |
| E-mail Address: charlie.hamilton@fermiamerica.com                                                                                                               |
| <b>II. Project Information</b>                                                                                                                                  |
| Facility Name: Fermi America Project Matador                                                                                                                    |
| Permit Number: TBD                                                                                                                                              |
| Project Number: TBD                                                                                                                                             |
| <b>III. Surcharge Payment</b>                                                                                                                                   |
| Project Type: Federal NSR                                                                                                                                       |
| Fee Amount: \$ 20,000                                                                                                                                           |
| Check, Money Order, Transaction Number, and/or ePay Voucher Number: <i>(below)</i>                                                                              |
|                                                                                                                                                                 |
| Paid Online: <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>                                             |
| Company Name on Check:                                                                                                                                          |





| LEGEND |                                |
|--------|--------------------------------|
|        | SUBJECT PROPERTY LINE BOUNDARY |
|        | ENLARGED SECTION               |

| CLIENT / PROJECT                                                                                                                       |                        |                       |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|
| FERMI EQUIPMENT HOLDCO LLC<br>Fermi America Project Matador<br>US-60, Panhandle, Carson County, TX 79068                               |                        |                       |
| TITLE                                                                                                                                  |                        |                       |
| PLOT PLAN                                                                                                                              |                        |                       |
| DRAWN BY: O. Fonseka                                                                                                                   | REQUEST BY: E. Stanko  | PROJECT NO.<br>683447 |
| DWG. DATE: August 2025                                                                                                                 | PROJECT-MGR: E. Stanko | FIGURE<br>1-2         |
| 11767 KATY FREEWAY, SUITE 850<br>HOUSTON, TEXAS 77079<br>PHONE: 281-616-0100<br><a href="http://TRCcompanies.com">TRCcompanies.com</a> |                        |                       |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | NGFUG    | NGFUG            | TBD           | NA                               | NA                                 | 0.03                               | NA                               | NA                               | NA                                                      | 0.03                             |
| 2                                               | HRSGA-1  | HRSGA-1          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 3                                               | HRSGA-2  | HRSGA-2          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 4                                               | HRSGA-3  | HRSGA-3          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 5                                               | HRSGA-4  | HRSGA-4          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 6                                               | HRSGA-5  | HRSGA-5          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 7                                               | HRSGA-6  | HRSGA-6          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 8                                               | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 9                                               | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 10                                              | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 11                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 12                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 13                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 14                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 15                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 16                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 17                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 18                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 19                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 20                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 21                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 23                                              | HRSGB-4  | HRSGB-4          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 24                                              | HRSGB-5  | HRSGB-5          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 25                                              | HRSGB-6  | HRSGB-6          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 26                                              | HRSGB-7  | HRSGB-7          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 27                                              | HRSGB-8  | HRSGB-8          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 28                                              | HRSGB-9  | HRSGB-9          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 29                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 30                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 31                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 32                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 33                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 34                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 35                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 36                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 37                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 38                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 39                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 40                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 41                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |
| 42                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 6.18                               | NA                               | NA                               | NA                                                      | 6.18                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 43                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 44                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 45                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 46                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 47                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 48                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 49                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 50                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 51                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 52                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 53                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 54                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 55                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 56                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 57                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 58                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 59                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 60                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 61                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 62                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |
| 63                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                             | 6.18                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 64                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 65                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 66                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 67                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 68                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 69                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 70                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 71                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 72                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 73                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 74                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 75                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 76                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 77                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 78                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 79                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 80                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 81                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 82                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 83                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |
| 84                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                              | 6.18                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 85                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 86                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 87                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 88                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 89                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 90                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 91                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 6.18                                       | NA                                        | NA                                       | NA                                                               | 6.18                                     |
| 92                                                      | LOV1       | LOV1                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 93                                                      | LOV2       | LOV2                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 94                                                      | LOV3       | LOV3                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 95                                                      | LOV4       | LOV4                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 96                                                      | LOV5       | LOV5                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 97                                                      | LOV6       | LOV6                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 98                                                      | LOV7       | LOV7                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 99                                                      | LOV8       | LOV8                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 100                                                     | LOV9       | LOV9                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 101                                                     | LOV10      | LOV10                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 102                                                     | LOV11      | LOV11                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 103                                                     | LOV12      | LOV12                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 104                                                     | LOV13      | LOV13                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 105                                                     | LOV14      | LOV14                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 106                                             | LOV15 | LOV15            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 107                                             | LOV16 | LOV16            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 108                                             | LOV17 | LOV17            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 109                                             | LOV18 | LOV18            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 110                                             | LOV19 | LOV19            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 111                                             | LOV20 | LOV20            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 112                                             | LOV21 | LOV21            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 113                                             | LOV22 | LOV22            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 114                                             | LOV23 | LOV23            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 115                                             | LOV24 | LOV24            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 116                                             | LOV25 | LOV25            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 117                                             | LOV26 | LOV26            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 118                                             | LOV27 | LOV27            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 119                                             | LOV28 | LOV28            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 120                                             | LOV29 | LOV29            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 121                                             | LOV30 | LOV30            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 122                                             | LOV31 | LOV31            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 123                                             | LOV32 | LOV32            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 124                                             | LOV33 | LOV33            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 125                                             | LOV34 | LOV34            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 126                                             | LOV35 | LOV35            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 127                                             | LOV36 | LOV36            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 128                                             | LOV37 | LOV37            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 129                                             | LOV38 | LOV38            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 130                                             | LOV39 | LOV39            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 131                                             | LOV40 | LOV40            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 132                                             | LOV41 | LOV41            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 133                                             | LOV42 | LOV42            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 134                                             | LOV43 | LOV43            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 135                                             | LOV44 | LOV44            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 136                                             | LOV45 | LOV45            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 137                                             | LOV46 | LOV46            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 138                                             | LOV47 | LOV47            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 139                                             | LOV48 | LOV48            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 140                                             | LOV49 | LOV49            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 141                                             | LOV50 | LOV50            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 142                                             | LOV51 | LOV51            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 143                                             | LOV52 | LOV52            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 144                                             | LOV53 | LOV53            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 145                                             | LOV54 | LOV54            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 146                                             | LOV55 | LOV55            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 147                                             | LOV56 | LOV56            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>VOC</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 148                                                     | LOV57      | LOV57                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 149                                                     | LOV58      | LOV58                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 150                                                     | LOV59      | LOV59                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 151                                                     | LOV60      | LOV60                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 152                                                     | LOV61      | LOV61                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 153                                                     | LOV62      | LOV62                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 154                                                     | LOV63      | LOV63                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 155                                                     | LOV64      | LOV64                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 156                                                     | LOV65      | LOV65                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 157                                                     | LOV66      | LOV66                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 158                                                     | LOV67      | LOV67                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 159                                                     | LOV68      | LOV68                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 160                                                     | LOV69      | LOV69                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 161                                                     | LOV70      | LOV70                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 162                                                     | LOV71      | LOV71                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 163                                                     | LOV72      | LOV72                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 164                                                     | LOV73      | LOV73                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 165                                                     | LOV74      | LOV74                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 166                                                     | LOV75      | LOV75                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 167                                                     | LOV76      | LOV76                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 168                                                     | LOV77      | LOV77                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 169                                             | LOV78 | LOV78            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 170                                             | LOV79 | LOV79            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 171                                             | LOV80 | LOV80            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 172                                             | LOV81 | LOV81            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 173                                             | LOV82 | LOV82            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 174                                             | LOV83 | LOV83            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 175                                             | LOV84 | LOV84            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 176                                             | LOV85 | LOV85            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 177                                             | LOV86 | LOV86            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 178                                             | LOV87 | LOV87            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 179                                             | LOV88 | LOV88            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 180                                             | LOV89 | LOV89            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 181                                             | LOV90    | LOV90            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 182                                             | TNK-DSL1 | TNK-DSL1         | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 183                                             | TNK-DSL2 | TNK-DSL2         | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| 184                                             | TNK-DSL3 | TNK-DSL3         | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| 185                                             | TNK-DSL4 | TNK-DSL4         | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| 186                                             | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.12                               | NA                               | NA                               | NA                                                      | 0.12                             |
| 187                                             | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.12                               | NA                               | NA                               | NA                                                      | 0.12                             |
| 188                                             | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 189                                             | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 190                                             | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 191                                             | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 192                                             | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 193                                             | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 2.37                               | NA                               | NA                               | NA                                                      | 2.37                             |
| 194                                             | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 1.41                               | NA                               | NA                               | NA                                                      | 1.41                             |
| 195                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 1.41                               | NA                               | NA                               | NA                                                      | 1.41                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                 |     |                |     |
|---------------------------------|-----|----------------|-----|
| <b>Pollutant</b> <sup>1</sup> : | VOC | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>         | NA  | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 196                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 1.31                               | NA                               | NA                               | NA                                                      | 1.31                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>581.75</b>                    |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | HRSGA-1  | HRSGA-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 2                                               | HRSGA-2  | HRSGA-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 3                                               | HRSGA-3  | HRSGA-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 4                                               | HRSGA-4  | HRSGA-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 5                                               | HRSGA-5  | HRSGA-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 6                                               | HRSGA-6  | HRSGA-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 7                                               | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 8                                               | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 9                                               | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 10                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 11                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 12                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 13                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 14                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 15                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 16                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 17                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 18                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 19                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 20                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 21                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSGB-4  | HRSGB-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 23                                              | HRSGB-5  | HRSGB-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 24                                              | HRSGB-6  | HRSGB-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 25                                              | HRSGB-7  | HRSGB-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 26                                              | HRSGB-8  | HRSGB-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 27                                              | HRSGB-9  | HRSGB-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 28                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 29                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 30                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 31                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 32                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 33                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 34                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 35                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 36                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 37                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 38                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 39                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 40                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 41                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 42                                              | HRSGC-6  | HRSGC-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 44                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 45                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 46                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 47                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 48                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 49                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 50                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 51                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 52                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 53                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 54                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 55                                              | HRSGD-1  | HRSGD-1          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 56                                              | HRSGD-2  | HRSGD-2          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 57                                              | HRSGD-3  | HRSGD-3          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 58                                              | HRSGD-4  | HRSGD-4          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 59                                              | HRSGD-5  | HRSGD-5          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 60                                              | HRSGD-6  | HRSGD-6          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 61                                              | HRSGD-7  | HRSGD-7          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 62                                              | HRSGD-8  | HRSGD-8          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |
| 63                                              | HRSGD-9  | HRSGD-9          | TBD           | NA                               | NA                                 | 17.49                              | NA                               | NA                               | NA                                                      | 17.49                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>NOx</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 65                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 66                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 67                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 68                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 69                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 70                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 71                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 72                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 73                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 74                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 75                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 76                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 77                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 78                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 79                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 80                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 81                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 82                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 83                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |
| 84                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                               | 17.49                                    |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>NOx</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 85                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 86                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 87                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 88                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 89                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 90                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 17.49                                      | NA                                        | NA                                       | NA                                                             | 17.49                                    |
| 91                                                      | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.12                                       | NA                                        | NA                                       | NA                                                             | 0.12                                     |
| 92                                                      | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.12                                       | NA                                        | NA                                       | NA                                                             | 0.12                                     |
| 93                                                      | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 94                                                      | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 95                                                      | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 96                                                      | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 97                                                      | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 98                                                      | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 2.37                                       | NA                                        | NA                                       | NA                                                             | 2.37                                     |
| 99                                                      | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 1.41                                       | NA                                        | NA                                       | NA                                                             | 1.41                                     |
| 100                                                     | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 1.41                                       | NA                                        | NA                                       | NA                                                             | 1.41                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | NOx | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 101                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>1,591.48</b>                  |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | HRSGA-1  | HRSGA-1          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 2                                               | HRSGA-2  | HRSGA-2          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 3                                               | HRSGA-3  | HRSGA-3          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 4                                               | HRSGA-4  | HRSGA-4          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 5                                               | HRSGA-5  | HRSGA-5          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 6                                               | HRSGA-6  | HRSGA-6          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 7                                               | HRSGA-7  | HRSGA-7          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 8                                               | HRSGA-8  | HRSGA-8          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 9                                               | HRSGA-9  | HRSGA-9          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 10                                              | HRSGA-10 | HRSGA-10         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 11                                              | HRSGA-11 | HRSGA-11         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 12                                              | HRSGA-12 | HRSGA-12         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 13                                              | HRSGA-13 | HRSGA-13         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 14                                              | HRSGA-14 | HRSGA-14         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 15                                              | HRSGA-15 | HRSGA-15         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 16                                              | HRSGA-16 | HRSGA-16         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 17                                              | HRSGA-17 | HRSGA-17         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 18                                              | HRSGA-18 | HRSGA-18         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 19                                              | HRSGB-1  | HRSGB-1          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 20                                              | HRSGB-2  | HRSGB-2          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 21                                              | HRSGB-3  | HRSGB-3          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 22                                              | HRSG-B-4  | HRSG-B-4         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 23                                              | HRSG-B-5  | HRSG-B-5         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 24                                              | HRSG-B-6  | HRSG-B-6         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 25                                              | HRSG-B-7  | HRSG-B-7         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 26                                              | HRSG-B-8  | HRSG-B-8         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 27                                              | HRSG-B-9  | HRSG-B-9         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 28                                              | HRSG-B-10 | HRSG-B-10        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 29                                              | HRSG-B-11 | HRSG-B-11        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 30                                              | HRSG-B-12 | HRSG-B-12        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 31                                              | HRSG-B-13 | HRSG-B-13        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 32                                              | HRSG-B-14 | HRSG-B-14        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 33                                              | HRSG-B-15 | HRSG-B-15        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 34                                              | HRSG-B-16 | HRSG-B-16        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 35                                              | HRSG-B-17 | HRSG-B-17        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 36                                              | HRSG-B-18 | HRSG-B-18        | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 37                                              | HRSG-C-1  | HRSG-C-1         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 38                                              | HRSG-C-2  | HRSG-C-2         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 39                                              | HRSG-C-3  | HRSG-C-3         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 40                                              | HRSG-C-4  | HRSG-C-4         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 41                                              | HRSG-C-5  | HRSG-C-5         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 42                                              | HRSG-C-6  | HRSG-C-6         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 44                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 45                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 46                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 47                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 48                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 49                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 50                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 51                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 52                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 53                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 54                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 55                                              | HRSGD-1  | HRSGD-1          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 56                                              | HRSGD-2  | HRSGD-2          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 57                                              | HRSGD-3  | HRSGD-3          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 58                                              | HRSGD-4  | HRSGD-4          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 59                                              | HRSGD-5  | HRSGD-5          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 60                                              | HRSGD-6  | HRSGD-6          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 61                                              | HRSGD-7  | HRSGD-7          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 62                                              | HRSGD-8  | HRSGD-8          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 63                                              | HRSGD-9  | HRSGD-9          | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |           |                |            |
|--------------------------------|-----------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b> | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 65                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 66                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 67                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 68                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 69                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 70                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 71                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 72                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 73                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 74                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 75                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 76                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 77                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 78                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 79                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 80                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 81                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 82                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 83                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |
| 84                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 23.68                                      | NA                                        | NA                                       | NA                                                               | 23.68                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 85                                              | HRSGE-13 | HRSGE-13         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 86                                              | HRSGE-14 | HRSGE-14         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 87                                              | HRSGE-15 | HRSGE-15         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 88                                              | HRSGE-16 | HRSGE-16         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 89                                              | HRSGE-17 | HRSGE-17         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 90                                              | HRSGE-18 | HRSGE-18         | TBD           | NA                               | NA                                 | 23.68                              | NA                               | NA                               | NA                                                      | 23.68                            |
| 91                                              | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.10                               | NA                               | NA                               | NA                                                      | 0.10                             |
| 92                                              | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.10                               | NA                               | NA                               | NA                                                      | 0.10                             |
| 93                                              | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 94                                              | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 95                                              | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 96                                              | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 97                                              | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 98                                              | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 1.29                               | NA                               | NA                               | NA                                                      | 1.29                             |
| 99                                              | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 0.77                               | NA                               | NA                               | NA                                                      | 0.77                             |
| 100                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 0.77                               | NA                               | NA                               | NA                                                      | 0.77                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | CO | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 101                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>2,140.86</b>                  |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |         |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|---------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |         |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN     | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | CT-1    | CT-1             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 2                                               | CT-2    | CT-2             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 3                                               | CT-3    | CT-3             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 4                                               | CT-4    | CT-4             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 5                                               | CT-5    | CT-5             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 6                                               | CT-6    | CT-6             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 7                                               | CT-7    | CT-7             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 8                                               | CT-8    | CT-8             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 9                                               | CT-9    | CT-9             | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 10                                              | CT-10   | CT-10            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 11                                              | CT-11   | CT-11            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 12                                              | CT-12   | CT-12            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 13                                              | CT-13   | CT-13            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 14                                              | CT-14   | CT-14            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 15                                              | CT-15   | CT-15            | TBD           | NA                               | NA                                 | 6.58                               | NA                               | NA                               | NA                                                      | 6.58                             |
| 16                                              | HRSGA-1 | HRSGA-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 17                                              | HRSGA-2 | HRSGA-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 18                                              | HRSGA-3 | HRSGA-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 19                                              | HRSGA-4 | HRSGA-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 20                                              | HRSGA-5 | HRSGA-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 21                                              | HRSGA-6 | HRSGA-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |           |                |            |
|--------------------------------|-----------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b> | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 22                                                      | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 23                                                      | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 24                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 25                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 26                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 27                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 28                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 29                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 30                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 31                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 32                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 33                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 34                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 35                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 36                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 37                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 38                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 39                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 40                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 41                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 42                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 43                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 44                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 45                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 46                                              | HRSGC-13 | HRSGC-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 47                                              | HRSGC-14 | HRSGC-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 48                                              | HRSGC-15 | HRSGC-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 49                                              | HRSGC-16 | HRSGC-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 50                                              | HRSGC-17 | HRSGC-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 51                                              | HRSGC-18 | HRSGC-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 52                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 53                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 54                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 55                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 56                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 57                                              | HRSGC-6  | HRSGC-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 58                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 59                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 60                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 61                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 62                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 63                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |           |                |            |
|--------------------------------|-----------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b> | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 64                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 65                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 66                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 67                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 68                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 69                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 70                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 71                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 72                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 73                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 74                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 75                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 76                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 77                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 78                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 79                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 80                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 81                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 82                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 83                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 84                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 85                                              | HRS GD-16 | HRS GD-16        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 86                                              | HRS GD-17 | HRS GD-17        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 87                                              | HRS GD-18 | HRS GD-18        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 88                                              | HRS GE-1  | HRS GE-1         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 89                                              | HRS GE-2  | HRS GE-2         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 90                                              | HRS GE-3  | HRS GE-3         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 91                                              | HRS GE-4  | HRS GE-4         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 92                                              | HRS GE-5  | HRS GE-5         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 93                                              | HRS GE-6  | HRS GE-6         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 94                                              | HRS GE-7  | HRS GE-7         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 95                                              | HRS GE-8  | HRS GE-8         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 96                                              | HRS GE-9  | HRS GE-9         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 97                                              | HRS GE-10 | HRS GE-10        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 98                                              | HRS GE-11 | HRS GE-11        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 99                                              | HRS GE-12 | HRS GE-12        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 100                                             | HRS GE-13 | HRS GE-13        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 101                                             | HRS GE-14 | HRS GE-14        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 102                                             | HRS GE-15 | HRS GE-15        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 103                                             | HRS GE-16 | HRS GE-16        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 104                                             | HRS GE-17 | HRS GE-17        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 105                                             | HRS GE-18 | HRS GE-18        | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 106                                             | LOV1  | LOV1             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 107                                             | LOV2  | LOV2             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 108                                             | LOV3  | LOV3             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 109                                             | LOV4  | LOV4             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 110                                             | LOV5  | LOV5             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 111                                             | LOV6  | LOV6             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 112                                             | LOV7  | LOV7             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 113                                             | LOV8  | LOV8             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 114                                             | LOV9  | LOV9             | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 115                                             | LOV10 | LOV10            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 116                                             | LOV11 | LOV11            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 117                                             | LOV12 | LOV12            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 118                                             | LOV13 | LOV13            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 119                                             | LOV14 | LOV14            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 120                                             | LOV15 | LOV15            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 121                                             | LOV16 | LOV16            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 122                                             | LOV17 | LOV17            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 123                                             | LOV18 | LOV18            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 124                                             | LOV19 | LOV19            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 125                                             | LOV20 | LOV20            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 126                                             | LOV21 | LOV21            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 127                                             | LOV22 | LOV22            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 128                                             | LOV23 | LOV23            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 129                                             | LOV24 | LOV24            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 130                                             | LOV25 | LOV25            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 131                                             | LOV26 | LOV26            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 132                                             | LOV27 | LOV27            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 133                                             | LOV28 | LOV28            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 134                                             | LOV29 | LOV29            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 135                                             | LOV30 | LOV30            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 136                                             | LOV31 | LOV31            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 137                                             | LOV32 | LOV32            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 138                                             | LOV33 | LOV33            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 139                                             | LOV34 | LOV34            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 140                                             | LOV35 | LOV35            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 141                                             | LOV36 | LOV36            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 142                                             | LOV37 | LOV37            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 143                                             | LOV38 | LOV38            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 144                                             | LOV39 | LOV39            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 145                                             | LOV40 | LOV40            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 146                                             | LOV41 | LOV41            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 147                                             | LOV42 | LOV42            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |           |                |            |
|--------------------------------|-----------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b> | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 148                                                     | LOV43      | LOV43                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 149                                                     | LOV44      | LOV44                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 150                                                     | LOV45      | LOV45                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 151                                                     | LOV46      | LOV46                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 152                                                     | LOV47      | LOV47                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 153                                                     | LOV48      | LOV48                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 154                                                     | LOV49      | LOV49                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 155                                                     | LOV50      | LOV50                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 156                                                     | LOV51      | LOV51                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 157                                                     | LOV52      | LOV52                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 158                                                     | LOV53      | LOV53                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 159                                                     | LOV54      | LOV54                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 160                                                     | LOV55      | LOV55                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 161                                                     | LOV56      | LOV56                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 162                                                     | LOV57      | LOV57                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 163                                                     | LOV58      | LOV58                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 164                                                     | LOV59      | LOV59                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 165                                                     | LOV60      | LOV60                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 166                                                     | LOV61      | LOV61                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 167                                                     | LOV62      | LOV62                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 168                                                     | LOV63      | LOV63                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 169                                             | LOV64 | LOV64            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 170                                             | LOV65 | LOV65            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 171                                             | LOV66 | LOV66            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 172                                             | LOV67 | LOV67            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 173                                             | LOV68 | LOV68            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 174                                             | LOV69 | LOV69            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 175                                             | LOV70 | LOV70            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 176                                             | LOV71 | LOV71            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 177                                             | LOV72 | LOV72            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 178                                             | LOV73 | LOV73            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 179                                             | LOV74 | LOV74            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 180                                             | LOV75 | LOV75            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 181                                             | LOV76 | LOV76            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 182                                             | LOV77 | LOV77            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 183                                             | LOV78 | LOV78            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 184                                             | LOV79 | LOV79            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 185                                             | LOV80 | LOV80            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 186                                             | LOV81 | LOV81            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 187                                             | LOV82 | LOV82            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 188                                             | LOV83 | LOV83            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 189                                             | LOV84 | LOV84            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 190                                             | LOV85    | LOV85            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 191                                             | LOV86    | LOV86            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 192                                             | LOV87    | LOV87            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 193                                             | LOV88    | LOV88            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 194                                             | LOV89    | LOV89            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 195                                             | LOV90    | LOV90            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 196                                             | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 197                                             | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 198                                             | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 199                                             | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 200                                             | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 201                                             | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 202                                             | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 203                                             | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 204                                             | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 0.04                               | NA                               | NA                               | NA                                                      | 0.04                             |
| 205                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 0.04                               | NA                               | NA                               | NA                                                      | 0.04                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |    |                |     |
|--------------------------------|----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 206                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>1,075.12</b>                  |

|                                           |
|-------------------------------------------|
| <b>Explanation (Table 2F Supplement):</b> |
|-------------------------------------------|

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 1                                                       | CT-1       | CT-1                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 2                                                       | CT-2       | CT-2                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 3                                                       | CT-3       | CT-3                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 4                                                       | CT-4       | CT-4                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 5                                                       | CT-5       | CT-5                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 6                                                       | CT-6       | CT-6                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 7                                                       | CT-7       | CT-7                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 8                                                       | CT-8       | CT-8                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 9                                                       | CT-9       | CT-9                    | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 10                                                      | CT-10      | CT-10                   | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 11                                                      | CT-11      | CT-11                   | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 12                                                      | CT-12      | CT-12                   | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 13                                                      | CT-13      | CT-13                   | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 14                                                      | CT-14      | CT-14                   | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 15                                                      | CT-15      | CT-15                   | TBD                   | NA                                       | NA                                         | 3.29                                       | NA                                        | NA                                       | NA                                                               | 3.29                                     |
| 16                                                      | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 17                                                      | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 18                                                      | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 19                                                      | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 20                                                      | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 21                                                      | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 23                                                      | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 24                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 25                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 26                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 27                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 28                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 29                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 30                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 31                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 32                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 33                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 34                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 35                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 36                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 37                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 38                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 39                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 40                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 41                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 42                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 43                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 44                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 45                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 46                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 47                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 48                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 49                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 50                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 51                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 52                                                      | HRSGC-1    | HRSGC-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 53                                                      | HRSGC-2    | HRSGC-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 54                                                      | HRSGC-3    | HRSGC-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 55                                                      | HRSGC-4    | HRSGC-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 56                                                      | HRSGC-5    | HRSGC-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 57                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 58                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 59                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 60                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 61                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 62                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 63                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 65                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 66                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 67                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 68                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 69                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 70                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 71                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 72                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 73                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 74                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 75                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 76                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 77                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 78                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 79                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 80                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 81                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 82                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 83                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 84                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 85                                                      | HRS GD-16  | HRS GD-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 86                                                      | HRS GD-17  | HRS GD-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 87                                                      | HRS GD-18  | HRS GD-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 88                                                      | HRS GE-1   | HRS GE-1                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 89                                                      | HRS GE-2   | HRS GE-2                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 90                                                      | HRS GE-3   | HRS GE-3                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 91                                                      | HRS GE-4   | HRS GE-4                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 92                                                      | HRS GE-5   | HRS GE-5                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 93                                                      | HRS GE-6   | HRS GE-6                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 94                                                      | HRS GE-7   | HRS GE-7                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 95                                                      | HRS GE-8   | HRS GE-8                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 96                                                      | HRS GE-9   | HRS GE-9                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 97                                                      | HRS GE-10  | HRS GE-10               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 98                                                      | HRS GE-11  | HRS GE-11               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 99                                                      | HRS GE-12  | HRS GE-12               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 100                                                     | HRS GE-13  | HRS GE-13               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 101                                                     | HRS GE-14  | HRS GE-14               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 102                                                     | HRS GE-15  | HRS GE-15               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 103                                                     | HRS GE-16  | HRS GE-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 104                                                     | HRS GE-17  | HRS GE-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |
| 105                                                     | HRS GE-18  | HRS GE-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                              | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 106                                                     | LOV1       | LOV1                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 107                                                     | LOV2       | LOV2                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 108                                                     | LOV3       | LOV3                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 109                                                     | LOV4       | LOV4                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 110                                                     | LOV5       | LOV5                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 111                                                     | LOV6       | LOV6                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 112                                                     | LOV7       | LOV7                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 113                                                     | LOV8       | LOV8                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 114                                                     | LOV9       | LOV9                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 115                                                     | LOV10      | LOV10                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 116                                                     | LOV11      | LOV11                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 117                                                     | LOV12      | LOV12                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 118                                                     | LOV13      | LOV13                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 119                                                     | LOV14      | LOV14                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 120                                                     | LOV15      | LOV15                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 121                                                     | LOV16      | LOV16                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 122                                                     | LOV17      | LOV17                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 123                                                     | LOV18      | LOV18                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 124                                                     | LOV19      | LOV19                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 125                                                     | LOV20      | LOV20                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 126                                                     | LOV21      | LOV21                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 127                                                     | LOV22      | LOV22                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 128                                                     | LOV23      | LOV23                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 129                                                     | LOV24      | LOV24                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 130                                                     | LOV25      | LOV25                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 131                                                     | LOV26      | LOV26                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 132                                                     | LOV27      | LOV27                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 133                                                     | LOV28      | LOV28                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 134                                                     | LOV29      | LOV29                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 135                                                     | LOV30      | LOV30                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 136                                                     | LOV31      | LOV31                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 137                                                     | LOV32      | LOV32                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 138                                                     | LOV33      | LOV33                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 139                                                     | LOV34      | LOV34                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 140                                                     | LOV35      | LOV35                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 141                                                     | LOV36      | LOV36                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 142                                                     | LOV37      | LOV37                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 143                                                     | LOV38      | LOV38                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 144                                                     | LOV39      | LOV39                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 145                                                     | LOV40      | LOV40                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 146                                                     | LOV41      | LOV41                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 147                                                     | LOV42      | LOV42                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 148                                                     | LOV43      | LOV43                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 149                                                     | LOV44      | LOV44                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 150                                                     | LOV45      | LOV45                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 151                                                     | LOV46      | LOV46                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 152                                                     | LOV47      | LOV47                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 153                                                     | LOV48      | LOV48                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 154                                                     | LOV49      | LOV49                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 155                                                     | LOV50      | LOV50                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 156                                                     | LOV51      | LOV51                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 157                                                     | LOV52      | LOV52                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 158                                                     | LOV53      | LOV53                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 159                                                     | LOV54      | LOV54                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 160                                                     | LOV55      | LOV55                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 161                                                     | LOV56      | LOV56                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 162                                                     | LOV57      | LOV57                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 163                                                     | LOV58      | LOV58                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 164                                                     | LOV59      | LOV59                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 165                                                     | LOV60      | LOV60                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 166                                                     | LOV61      | LOV61                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 167                                                     | LOV62      | LOV62                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 168                                                     | LOV63      | LOV63                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |             |                |            |
|--------------------------------|-------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM10</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>   | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 169                                                     | LOV64      | LOV64                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 170                                                     | LOV65      | LOV65                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 171                                                     | LOV66      | LOV66                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 172                                                     | LOV67      | LOV67                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 173                                                     | LOV68      | LOV68                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 174                                                     | LOV69      | LOV69                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 175                                                     | LOV70      | LOV70                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 176                                                     | LOV71      | LOV71                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 177                                                     | LOV72      | LOV72                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 178                                                     | LOV73      | LOV73                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 179                                                     | LOV74      | LOV74                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 180                                                     | LOV75      | LOV75                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 181                                                     | LOV76      | LOV76                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 182                                                     | LOV77      | LOV77                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 183                                                     | LOV78      | LOV78                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 184                                                     | LOV79      | LOV79                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 185                                                     | LOV80      | LOV80                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 186                                                     | LOV81      | LOV81                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 187                                                     | LOV82      | LOV82                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 188                                                     | LOV83      | LOV83                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 189                                                     | LOV84      | LOV84                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |      |                |     |
|--------------------------------|------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM10 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA   | <b>to</b>      | NA  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 190                                             | LOV85    | LOV85            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 191                                             | LOV86    | LOV86            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 192                                             | LOV87    | LOV87            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 193                                             | LOV88    | LOV88            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 194                                             | LOV89    | LOV89            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 195                                             | LOV90    | LOV90            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 196                                             | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 197                                             | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 198                                             | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 199                                             | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 200                                             | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 201                                             | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 202                                             | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 203                                             | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 0.07                               | NA                               | NA                               | NA                                                      | 0.07                             |
| 204                                             | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 0.04                               | NA                               | NA                               | NA                                                      | 0.04                             |
| 205                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 0.04                               | NA                               | NA                               | NA                                                      | 0.04                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |      |                |     |
|--------------------------------|------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM10 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA   | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 206                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>1,025.80</b>                  |

**Explanation (Table 2F Supplement):**

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F**  
**PROJECT EMISSION INCREASE**

|                                |       |                |     |
|--------------------------------|-------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM2.5 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA    | <b>to</b>      | NA  |

|                                                 |         |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|---------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |         |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN     | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | CT-1    | CT-1             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 2                                               | CT-2    | CT-2             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 3                                               | CT-3    | CT-3             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 4                                               | CT-4    | CT-4             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 5                                               | CT-5    | CT-5             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 6                                               | CT-6    | CT-6             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 7                                               | CT-7    | CT-7             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 8                                               | CT-8    | CT-8             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 9                                               | CT-9    | CT-9             | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 10                                              | CT-10   | CT-10            | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 11                                              | CT-11   | CT-11            | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 12                                              | CT-12   | CT-12            | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 13                                              | CT-13   | CT-13            | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 14                                              | CT-14   | CT-14            | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 15                                              | CT-15   | CT-15            | TBD           | NA                               | NA                                 | 0.01                               | NA                               | NA                               | NA                                                      | 0.01                             |
| 16                                              | HRSGA-1 | HRSGA-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 17                                              | HRSGA-2 | HRSGA-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 18                                              | HRSGA-3 | HRSGA-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 19                                              | HRSGA-4 | HRSGA-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 20                                              | HRSGA-5 | HRSGA-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |
| 21                                              | HRSGA-6 | HRSGA-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                      | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 23                                                      | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 24                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 25                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 26                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 27                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 28                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 29                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 30                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 31                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 32                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 33                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 34                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 35                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 36                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 37                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 38                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 39                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 40                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 41                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 42                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accomodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------|----------------------------------|
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                        |                                  |
| 43                                              | HRSGB-10 | HRSGB-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 44                                              | HRSGB-11 | HRSGB-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 45                                              | HRSGB-12 | HRSGB-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 46                                              | HRSGB-13 | HRSGB-13         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 47                                              | HRSGB-14 | HRSGB-14         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 48                                              | HRSGB-15 | HRSGB-15         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 49                                              | HRSGB-16 | HRSGB-16         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 50                                              | HRSGB-17 | HRSGB-17         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 51                                              | HRSGB-18 | HRSGB-18         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 52                                              | HRSGC-1  | HRSGC-1          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 53                                              | HRSGC-2  | HRSGC-2          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 54                                              | HRSGC-3  | HRSGC-3          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 55                                              | HRSGC-4  | HRSGC-4          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 56                                              | HRSGC-5  | HRSGC-5          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 57                                              | HRSGC-6  | HRSGC-6          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 58                                              | HRSGC-7  | HRSGC-7          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 59                                              | HRSGC-8  | HRSGC-8          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 60                                              | HRSGC-9  | HRSGC-9          | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 61                                              | HRSGC-10 | HRSGC-10         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 62                                              | HRSGC-11 | HRSGC-11         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |
| 63                                              | HRSGC-12 | HRSGC-12         | TBD           | NA                               | NA                                 | 10.76                              | NA                               | NA                               | NA                                                     | 10.76                            |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 64                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 65                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 66                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 67                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 68                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 69                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 70                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 71                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 72                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 73                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 74                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 75                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 76                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 77                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 78                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 79                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 80                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 81                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 82                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 83                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 84                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 85                                                      | HRS GD-16  | HRS GD-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 86                                                      | HRS GD-17  | HRS GD-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 87                                                      | HRS GD-18  | HRS GD-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 88                                                      | HRS GE-1   | HRS GE-1                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 89                                                      | HRS GE-2   | HRS GE-2                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 90                                                      | HRS GE-3   | HRS GE-3                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 91                                                      | HRS GE-4   | HRS GE-4                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 92                                                      | HRS GE-5   | HRS GE-5                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 93                                                      | HRS GE-6   | HRS GE-6                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 94                                                      | HRS GE-7   | HRS GE-7                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 95                                                      | HRS GE-8   | HRS GE-8                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 96                                                      | HRS GE-9   | HRS GE-9                | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 97                                                      | HRS GE-10  | HRS GE-10               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 98                                                      | HRS GE-11  | HRS GE-11               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 99                                                      | HRS GE-12  | HRS GE-12               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 100                                                     | HRS GE-13  | HRS GE-13               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 101                                                     | HRS GE-14  | HRS GE-14               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 102                                                     | HRS GE-15  | HRS GE-15               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 103                                                     | HRS GE-16  | HRS GE-16               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 104                                                     | HRS GE-17  | HRS GE-17               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |
| 105                                                     | HRS GE-18  | HRS GE-18               | TBD                   | NA                                       | NA                                         | 10.76                                      | NA                                        | NA                                       | NA                                                               | 10.76                                    |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 106                                                     | LOV1       | LOV1                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 107                                                     | LOV2       | LOV2                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 108                                                     | LOV3       | LOV3                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 109                                                     | LOV4       | LOV4                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 110                                                     | LOV5       | LOV5                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 111                                                     | LOV6       | LOV6                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 112                                                     | LOV7       | LOV7                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 113                                                     | LOV8       | LOV8                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 114                                                     | LOV9       | LOV9                    | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 115                                                     | LOV10      | LOV10                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 116                                                     | LOV11      | LOV11                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 117                                                     | LOV12      | LOV12                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 118                                                     | LOV13      | LOV13                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 119                                                     | LOV14      | LOV14                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 120                                                     | LOV15      | LOV15                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 121                                                     | LOV16      | LOV16                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 122                                                     | LOV17      | LOV17                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 123                                                     | LOV18      | LOV18                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 124                                                     | LOV19      | LOV19                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 125                                                     | LOV20      | LOV20                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 126                                                     | LOV21      | LOV21                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 127                                                     | LOV22      | LOV22                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 128                                                     | LOV23      | LOV23                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 129                                                     | LOV24      | LOV24                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 130                                                     | LOV25      | LOV25                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 131                                                     | LOV26      | LOV26                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 132                                                     | LOV27      | LOV27                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 133                                                     | LOV28      | LOV28                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 134                                                     | LOV29      | LOV29                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 135                                                     | LOV30      | LOV30                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 136                                                     | LOV31      | LOV31                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 137                                                     | LOV32      | LOV32                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 138                                                     | LOV33      | LOV33                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 139                                                     | LOV34      | LOV34                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 140                                                     | LOV35      | LOV35                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 141                                                     | LOV36      | LOV36                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 142                                                     | LOV37      | LOV37                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 143                                                     | LOV38      | LOV38                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 144                                                     | LOV39      | LOV39                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 145                                                     | LOV40      | LOV40                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 146                                                     | LOV41      | LOV41                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 147                                                     | LOV42      | LOV42                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |       |                |     |
|--------------------------------|-------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM2.5 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA    | <b>to</b>      | NA  |

|                                                 |       |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |       |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN   | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 148                                             | LOV43 | LOV43            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 149                                             | LOV44 | LOV44            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 150                                             | LOV45 | LOV45            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 151                                             | LOV46 | LOV46            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 152                                             | LOV47 | LOV47            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 153                                             | LOV48 | LOV48            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 154                                             | LOV49 | LOV49            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 155                                             | LOV50 | LOV50            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 156                                             | LOV51 | LOV51            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 157                                             | LOV52 | LOV52            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 158                                             | LOV53 | LOV53            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 159                                             | LOV54 | LOV54            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 160                                             | LOV55 | LOV55            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 161                                             | LOV56 | LOV56            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 162                                             | LOV57 | LOV57            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 163                                             | LOV58 | LOV58            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 164                                             | LOV59 | LOV59            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 165                                             | LOV60 | LOV60            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 166                                             | LOV61 | LOV61            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 167                                             | LOV62 | LOV62            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |
| 168                                             | LOV63 | LOV63            | TBD           | NA                               | NA                                 | 0.08                               | NA                               | NA                               | NA                                                      | 0.08                             |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 169                                                     | LOV64      | LOV64                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 170                                                     | LOV65      | LOV65                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 171                                                     | LOV66      | LOV66                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 172                                                     | LOV67      | LOV67                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 173                                                     | LOV68      | LOV68                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 174                                                     | LOV69      | LOV69                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 175                                                     | LOV70      | LOV70                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 176                                                     | LOV71      | LOV71                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 177                                                     | LOV72      | LOV72                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 178                                                     | LOV73      | LOV73                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 179                                                     | LOV74      | LOV74                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 180                                                     | LOV75      | LOV75                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 181                                                     | LOV76      | LOV76                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 182                                                     | LOV77      | LOV77                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 183                                                     | LOV78      | LOV78                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 184                                                     | LOV79      | LOV79                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 185                                                     | LOV80      | LOV80                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 186                                                     | LOV81      | LOV81                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 187                                                     | LOV82      | LOV82                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 188                                                     | LOV83      | LOV83                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |
| 189                                                     | LOV84      | LOV84                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                               | 0.08                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>PM2.5</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 190                                                     | LOV85      | LOV85                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 191                                                     | LOV86      | LOV86                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 192                                                     | LOV87      | LOV87                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 193                                                     | LOV88      | LOV88                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 194                                                     | LOV89      | LOV89                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 195                                                     | LOV90      | LOV90                   | TBD                   | NA                                       | NA                                         | 0.08                                       | NA                                        | NA                                       | NA                                                             | 0.08                                     |
| 196                                                     | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                             | 0.01                                     |
| 197                                                     | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.01                                       | NA                                        | NA                                       | NA                                                             | 0.01                                     |
| 198                                                     | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 199                                                     | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 200                                                     | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 201                                                     | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 202                                                     | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 203                                                     | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 0.07                                       | NA                                        | NA                                       | NA                                                             | 0.07                                     |
| 204                                                     | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 0.04                                       | NA                                        | NA                                       | NA                                                             | 0.04                                     |
| 205                                                     | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 0.04                                       | NA                                        | NA                                       | NA                                                             | 0.04                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |       |                |     |
|--------------------------------|-------|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | PM2.5 | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA    | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 206                                             | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 0.00                             |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>976.69</b>                    |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 1                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 2                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 3                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 4                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 5                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 6                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 7                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 8                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 9                                                       | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 10                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 11                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 12                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 13                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 14                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 15                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 16                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 17                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 18                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 19                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 20                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 21                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSG-B-4   | HRSG-B-4                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 23                                                      | HRSG-B-5   | HRSG-B-5                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 24                                                      | HRSG-B-6   | HRSG-B-6                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 25                                                      | HRSG-B-7   | HRSG-B-7                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 26                                                      | HRSG-B-8   | HRSG-B-8                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 27                                                      | HRSG-B-9   | HRSG-B-9                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 28                                                      | HRSG-B-10  | HRSG-B-10               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 29                                                      | HRSG-B-11  | HRSG-B-11               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 30                                                      | HRSG-B-12  | HRSG-B-12               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 31                                                      | HRSG-B-13  | HRSG-B-13               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 32                                                      | HRSG-B-14  | HRSG-B-14               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 33                                                      | HRSG-B-15  | HRSG-B-15               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 34                                                      | HRSG-B-16  | HRSG-B-16               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 35                                                      | HRSG-B-17  | HRSG-B-17               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 36                                                      | HRSG-B-18  | HRSG-B-18               | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 37                                                      | HRSG-C-1   | HRSG-C-1                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 38                                                      | HRSG-C-2   | HRSG-C-2                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 39                                                      | HRSG-C-3   | HRSG-C-3                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 40                                                      | HRSG-C-4   | HRSG-C-4                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 41                                                      | HRSG-C-5   | HRSG-C-5                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |
| 42                                                      | HRSG-C-6   | HRSG-C-6                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                               | 3.14                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 43                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 44                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 45                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 46                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 47                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 48                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 49                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 50                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 51                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 52                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 53                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 54                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 55                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 56                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 57                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 58                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 59                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 60                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 61                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 62                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 63                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 64                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 65                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 66                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 67                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 68                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 69                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 70                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 71                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 72                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 73                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 74                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 75                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 76                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 77                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 78                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 79                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 80                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 81                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 82                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 83                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |
| 84                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                              | 3.14                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 85                                                      | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 86                                                      | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 87                                                      | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 88                                                      | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 89                                                      | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 90                                                      | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 3.14                                       | NA                                        | NA                                       | NA                                                             | 3.14                                     |
| 91                                                      | FPUMP1     | FPUMP1                  | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 92                                                      | FPUMP2     | FPUMP2                  | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 93                                                      | EGEN1      | EGEN1                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 94                                                      | EGEN2      | EGEN2                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 95                                                      | EGEN3      | EGEN3                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 96                                                      | EGEN4      | EGEN4                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 97                                                      | EGEN5      | EGEN5                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 98                                                      | EGEN6      | EGEN6                   | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |
| 99                                                      | ENGINE-1   | ENGINE-1                | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                             | 0.00                                     |





**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |            |                |            |
|--------------------------------|------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>SO2</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>  | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| <b>100</b>                                              | ENGINE-2   | ENGINE-2                | TBD                   | NA                                       | NA                                         | 0.00                                       | NA                                        | NA                                       | NA                                                               | 0.00                                     |
| <b>Summary of Contemporaneous Changes</b>               |            |                         |                       |                                          |                                            |                                            |                                           | <b>Total</b>                             | <b>NA</b>                                                        | <b>282.28</b>                            |

**Explanation (Table 2F Supplement):**

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 1                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 2                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 3                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 4                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 5                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 6                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 7                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 8                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 9                                                       | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 10                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 11                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 12                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 13                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 14                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 15                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 16                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 17                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 18                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 19                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 20                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 21                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSG-B-4   | HRSG-B-4                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 23                                                      | HRSG-B-5   | HRSG-B-5                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 24                                                      | HRSG-B-6   | HRSG-B-6                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 25                                                      | HRSG-B-7   | HRSG-B-7                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 26                                                      | HRSG-B-8   | HRSG-B-8                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 27                                                      | HRSG-B-9   | HRSG-B-9                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 28                                                      | HRSG-B-10  | HRSG-B-10               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 29                                                      | HRSG-B-11  | HRSG-B-11               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 30                                                      | HRSG-B-12  | HRSG-B-12               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 31                                                      | HRSG-B-13  | HRSG-B-13               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 32                                                      | HRSG-B-14  | HRSG-B-14               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 33                                                      | HRSG-B-15  | HRSG-B-15               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 34                                                      | HRSG-B-16  | HRSG-B-16               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 35                                                      | HRSG-B-17  | HRSG-B-17               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 36                                                      | HRSG-B-18  | HRSG-B-18               | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 37                                                      | HRSG-C-1   | HRSG-C-1                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 38                                                      | HRSG-C-2   | HRSG-C-2                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 39                                                      | HRSG-C-3   | HRSG-C-3                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 40                                                      | HRSG-C-4   | HRSG-C-4                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 41                                                      | HRSG-C-5   | HRSG-C-5                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 42                                                      | HRSG-C-6   | HRSG-C-6                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 43                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 44                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 45                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 46                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 47                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 48                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 49                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 50                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 51                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 52                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 53                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 54                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 55                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 56                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 57                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 58                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 59                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 60                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 61                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 62                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| 63                                                      | HRSGD-9    | HRSGD-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| 64                                                      | HRSGD-10   | HRSGD-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 65                                                      | HRSGD-11   | HRSGD-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 66                                                      | HRSGD-12   | HRSGD-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 67                                                      | HRSGD-13   | HRSGD-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 68                                                      | HRSGD-14   | HRSGD-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 69                                                      | HRSGD-15   | HRSGD-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 70                                                      | HRSGD-16   | HRSGD-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 71                                                      | HRSGD-17   | HRSGD-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 72                                                      | HRSGD-18   | HRSGD-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 73                                                      | HRSGE-1    | HRSGE-1                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 74                                                      | HRSGE-2    | HRSGE-2                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 75                                                      | HRSGE-3    | HRSGE-3                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 76                                                      | HRSGE-4    | HRSGE-4                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 77                                                      | HRSGE-5    | HRSGE-5                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 78                                                      | HRSGE-6    | HRSGE-6                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 79                                                      | HRSGE-7    | HRSGE-7                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 80                                                      | HRSGE-8    | HRSGE-8                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 81                                                      | HRSGE-9    | HRSGE-9                 | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 82                                                      | HRSGE-10   | HRSGE-10                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 83                                                      | HRSGE-11   | HRSGE-11                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |
| 84                                                      | HRSGE-12   | HRSGE-12                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                              | 0.48                                     |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |              |                |            |
|--------------------------------|--------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>H2SO4</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>    | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| <b>85</b>                                               | HRSGE-13   | HRSGE-13                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>86</b>                                               | HRSGE-14   | HRSGE-14                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>87</b>                                               | HRSGE-15   | HRSGE-15                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>88</b>                                               | HRSGE-16   | HRSGE-16                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>89</b>                                               | HRSGE-17   | HRSGE-17                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>90</b>                                               | HRSGE-18   | HRSGE-18                | TBD                   | NA                                       | NA                                         | 0.48                                       | NA                                        | NA                                       | NA                                                               | 0.48                                     |
| <b>Summary of Contemporaneous Changes</b>               |            |                         |                       |                                          |                                            |                                            |                                           | <b>Total</b>                             | <b>NA</b>                                                        | <b>43.20</b>                             |

**Explanation (Table 2F Supplement):**

Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |     |                |     |
|--------------------------------|-----|----------------|-----|
| <b>Pollutant <sup>1</sup>:</b> | H2S | <b>Permit:</b> | TBD |
| <b>Baseline Period:</b>        | NA  | <b>to</b>      | NA  |

|                                                 |        |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|--------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |        |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN    | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 1                                               | NGFUG  | NGFUG            | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 2.50E-04                         |
| 2                                               | MSSFUG | MSSFUG           | TBD           | NA                               | NA                                 | 0.00                               | NA                               | NA                               | NA                                                      | 8.23E-05                         |
| <b>Summary of Contemporaneous Changes</b>       |        |                  |               |                                  |                                    |                                    |                                  | <b>Total</b>                     | <b>NA</b>                                               | <b>3.32E-04</b>                  |

|                                           |
|-------------------------------------------|
| <b>Explanation (Table 2F Supplement):</b> |
|-------------------------------------------|

<sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.

<sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.

<sup>3</sup> All records and calculations for these values must be available upon request.

<sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.

<sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.

<sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).

<sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.

<sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.

<sup>9</sup> Sum all values for this page.





**TABLE 2F**  
**PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomdated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                |                                          |
| 1                                                       | NGFUG      | NGFUG                   | TBD                   | NA                                       | NA                                         | 840.03                                     | NA                                        | NA                                       | NA                                                             | 840.03                                   |
| 2                                                       | HRSGA-1    | HRSGA-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 3                                                       | HRSGA-2    | HRSGA-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 4                                                       | HRSGA-3    | HRSGA-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 5                                                       | HRSGA-4    | HRSGA-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 6                                                       | HRSGA-5    | HRSGA-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 7                                                       | HRSGA-6    | HRSGA-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 8                                                       | HRSGA-7    | HRSGA-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 9                                                       | HRSGA-8    | HRSGA-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 10                                                      | HRSGA-9    | HRSGA-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 11                                                      | HRSGA-10   | HRSGA-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 12                                                      | HRSGA-11   | HRSGA-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 13                                                      | HRSGA-12   | HRSGA-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 14                                                      | HRSGA-13   | HRSGA-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 15                                                      | HRSGA-14   | HRSGA-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 16                                                      | HRSGA-15   | HRSGA-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 17                                                      | HRSGA-16   | HRSGA-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 18                                                      | HRSGA-17   | HRSGA-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 19                                                      | HRSGA-18   | HRSGA-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 20                                                      | HRSGB-1    | HRSGB-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |
| 21                                                      | HRSGB-2    | HRSGB-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                             | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 22                                                      | HRSGB-3    | HRSGB-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 23                                                      | HRSGB-4    | HRSGB-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 24                                                      | HRSGB-5    | HRSGB-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 25                                                      | HRSGB-6    | HRSGB-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 26                                                      | HRSGB-7    | HRSGB-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 27                                                      | HRSGB-8    | HRSGB-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 28                                                      | HRSGB-9    | HRSGB-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 29                                                      | HRSGB-10   | HRSGB-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 30                                                      | HRSGB-11   | HRSGB-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 31                                                      | HRSGB-12   | HRSGB-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 32                                                      | HRSGB-13   | HRSGB-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 33                                                      | HRSGB-14   | HRSGB-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 34                                                      | HRSGB-15   | HRSGB-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 35                                                      | HRSGB-16   | HRSGB-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 36                                                      | HRSGB-17   | HRSGB-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 37                                                      | HRSGB-18   | HRSGB-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 38                                                      | HRSGC-1    | HRSGC-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 39                                                      | HRSGC-2    | HRSGC-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 40                                                      | HRSGC-3    | HRSGC-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 41                                                      | HRSGC-4    | HRSGC-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 42                                                      | HRSGC-5    | HRSGC-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accommodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                  |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                  |                                          |
| 43                                                      | HRSGC-6    | HRSGC-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 44                                                      | HRSGC-7    | HRSGC-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 45                                                      | HRSGC-8    | HRSGC-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 46                                                      | HRSGC-9    | HRSGC-9                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 47                                                      | HRSGC-10   | HRSGC-10                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 48                                                      | HRSGC-11   | HRSGC-11                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 49                                                      | HRSGC-12   | HRSGC-12                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 50                                                      | HRSGC-13   | HRSGC-13                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 51                                                      | HRSGC-14   | HRSGC-14                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 52                                                      | HRSGC-15   | HRSGC-15                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 53                                                      | HRSGC-16   | HRSGC-16                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 54                                                      | HRSGC-17   | HRSGC-17                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 55                                                      | HRSGC-18   | HRSGC-18                | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 56                                                      | HRSGD-1    | HRSGD-1                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 57                                                      | HRSGD-2    | HRSGD-2                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 58                                                      | HRSGD-3    | HRSGD-3                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 59                                                      | HRSGD-4    | HRSGD-4                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 60                                                      | HRSGD-5    | HRSGD-5                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 61                                                      | HRSGD-6    | HRSGD-6                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 62                                                      | HRSGD-7    | HRSGD-7                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |
| 63                                                      | HRSGD-8    | HRSGD-8                 | TBD                   | NA                                       | NA                                         | 261801.75                                  | NA                                        | NA                                       | NA                                                               | 261801.75                                |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                 |           |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|-----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |           |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN       | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 64                                              | HRS GD-9  | HRS GD-9         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 65                                              | HRS GD-10 | HRS GD-10        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 66                                              | HRS GD-11 | HRS GD-11        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 67                                              | HRS GD-12 | HRS GD-12        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 68                                              | HRS GD-13 | HRS GD-13        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 69                                              | HRS GD-14 | HRS GD-14        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 70                                              | HRS GD-15 | HRS GD-15        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 71                                              | HRS GD-16 | HRS GD-16        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 72                                              | HRS GD-17 | HRS GD-17        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 73                                              | HRS GD-18 | HRS GD-18        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 74                                              | HRS GE-1  | HRS GE-1         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 75                                              | HRS GE-2  | HRS GE-2         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 76                                              | HRS GE-3  | HRS GE-3         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 77                                              | HRS GE-4  | HRS GE-4         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 78                                              | HRS GE-5  | HRS GE-5         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 79                                              | HRS GE-6  | HRS GE-6         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 80                                              | HRS GE-7  | HRS GE-7         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 81                                              | HRS GE-8  | HRS GE-8         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 82                                              | HRS GE-9  | HRS GE-9         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 83                                              | HRS GE-10 | HRS GE-10        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 84                                              | HRS GE-11 | HRS GE-11        | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

|                                                 |          |                  | A             |                                  | B                                  |                                    | Projected<br>Actual<br>Emissions | Difference<br>(B-A) <sup>6</sup> | Correction <sup>7</sup><br>(Could Have<br>Accommodated) | Project<br>Increase <sup>8</sup> |
|-------------------------------------------------|----------|------------------|---------------|----------------------------------|------------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|----------------------------------|
| Affected or Modified<br>Facilities <sup>2</sup> |          |                  | Permit<br>No. | Actual<br>Emissions <sup>3</sup> | Baseline<br>Emissions <sup>4</sup> | Proposed<br>Emissions <sup>5</sup> |                                  |                                  |                                                         |                                  |
|                                                 | FIN      | EPN <sup>2</sup> |               |                                  |                                    |                                    |                                  |                                  |                                                         |                                  |
| 85                                              | HRSGE-12 | HRSGE-12         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 86                                              | HRSGE-13 | HRSGE-13         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 87                                              | HRSGE-14 | HRSGE-14         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 88                                              | HRSGE-15 | HRSGE-15         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 89                                              | HRSGE-16 | HRSGE-16         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 90                                              | HRSGE-17 | HRSGE-17         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 91                                              | HRSGE-18 | HRSGE-18         | TBD           | NA                               | NA                                 | 261801.75                          | NA                               | NA                               | NA                                                      | 261801.75                        |
| 92                                              | FPUMP1   | FPUMP1           | TBD           | NA                               | NA                                 | 20.04                              | NA                               | NA                               | NA                                                      | 20.04                            |
| 93                                              | FPUMP2   | FPUMP2           | TBD           | NA                               | NA                                 | 20.04                              | NA                               | NA                               | NA                                                      | 20.04                            |
| 94                                              | EGEN1    | EGEN1            | TBD           | NA                               | NA                                 | 257.65                             | NA                               | NA                               | NA                                                      | 257.65                           |
| 95                                              | EGEN2    | EGEN2            | TBD           | NA                               | NA                                 | 257.65                             | NA                               | NA                               | NA                                                      | 257.65                           |
| 96                                              | EGEN3    | EGEN3            | TBD           | NA                               | NA                                 | 257.65                             | NA                               | NA                               | NA                                                      | 257.65                           |
| 97                                              | EGEN4    | EGEN4            | TBD           | NA                               | NA                                 | 257.65                             | NA                               | NA                               | NA                                                      | 257.65                           |
| 98                                              | EGEN5    | EGEN5            | TBD           | NA                               | NA                                 | 257.65                             | NA                               | NA                               | NA                                                      | 257.65                           |
| 99                                              | EGEN6    | EGEN6            | TBD           | NA                               | NA                                 | 257.65                             | NA                               | NA                               | NA                                                      | 257.65                           |
| 100                                             | ENGINE-1 | ENGINE-1         | TBD           | NA                               | NA                                 | 114.51                             | NA                               | NA                               | NA                                                      | 114.51                           |
| 101                                             | ENGINE-2 | ENGINE-2         | TBD           | NA                               | NA                                 | 114.51                             | NA                               | NA                               | NA                                                      | 114.51                           |
| 102                                             | MSSFUG   | MSSFUG           | TBD           | NA                               | NA                                 | 304.86                             | NA                               | NA                               | NA                                                      | 304.86                           |



**TABLE 2F  
PROJECT EMISSION INCREASE**

|                                |                       |                |            |
|--------------------------------|-----------------------|----------------|------------|
| <b>Pollutant <sup>1</sup>:</b> | <b>CO2 Equivalent</b> | <b>Permit:</b> | <b>TBD</b> |
| <b>Baseline Period:</b>        | <b>NA</b>             | <b>to</b>      | <b>NA</b>  |

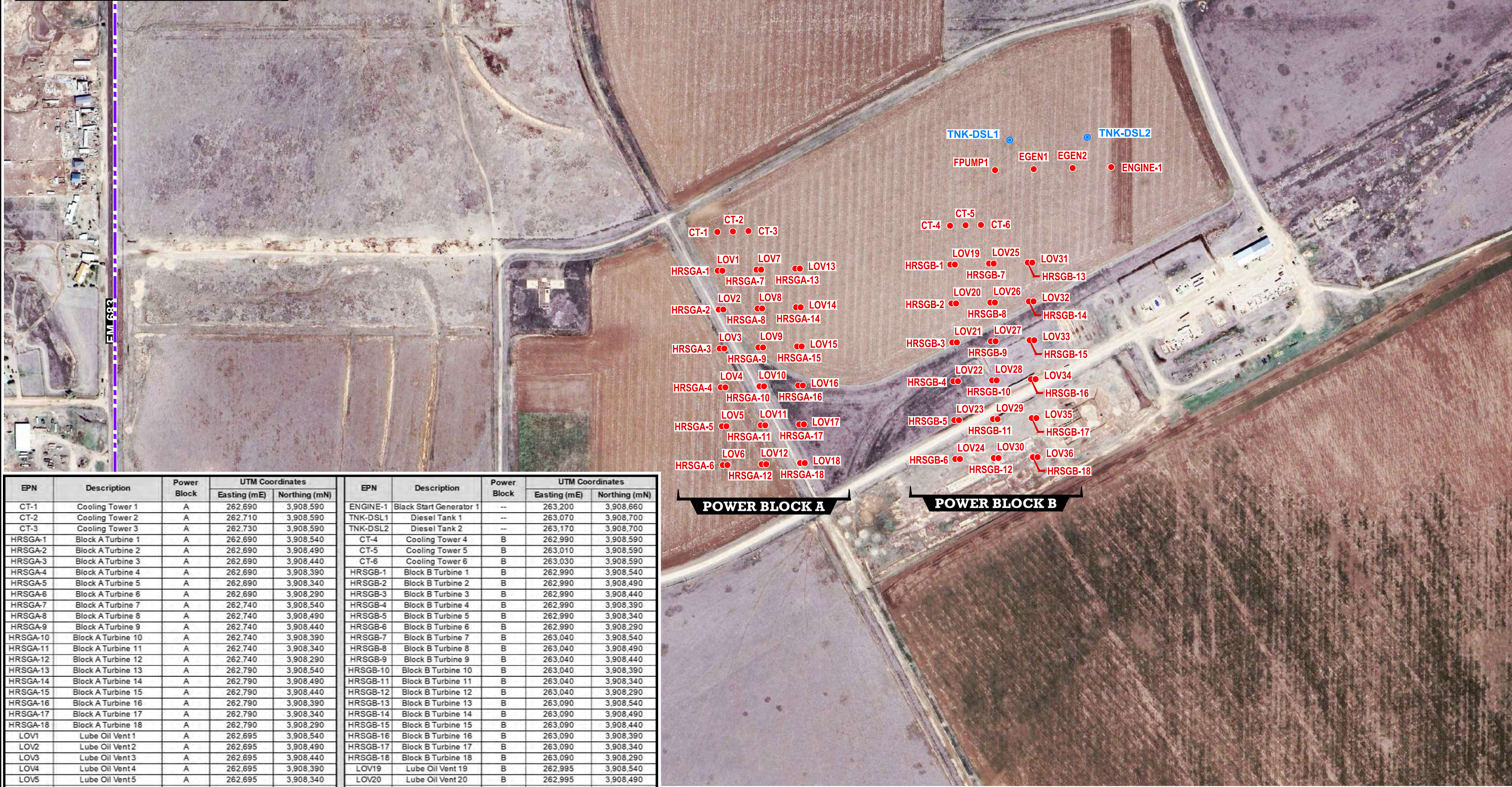
|                                                         |            |                         | <b>A</b>              |                                          | <b>B</b>                                   |                                            | <b>Projected<br/>Actual<br/>Emissions</b> | <b>Difference<br/>(B-A) <sup>6</sup></b> | <b>Correction <sup>7</sup><br/>(Could Have<br/>Accomodated)</b> | <b>Project<br/>Increase <sup>8</sup></b> |
|---------------------------------------------------------|------------|-------------------------|-----------------------|------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| <b>Affected or Modified<br/>Facilities <sup>2</sup></b> |            |                         | <b>Permit<br/>No.</b> | <b>Actual<br/>Emissions <sup>3</sup></b> | <b>Baseline<br/>Emissions <sup>4</sup></b> | <b>Proposed<br/>Emissions <sup>5</sup></b> |                                           |                                          |                                                                 |                                          |
|                                                         | <b>FIN</b> | <b>EPN <sup>2</sup></b> |                       |                                          |                                            |                                            |                                           |                                          |                                                                 |                                          |
| <b>103</b>                                              | FUG-SF6    | FUG-SF6                 | TBD                   | NA                                       | NA                                         | 19093.75                                   | NA                                        | NA                                       | NA                                                              | 19093.75                                 |
| <b>Summary of Contemporaneous Changes</b>               |            |                         |                       |                                          |                                            |                                            |                                           | <b>Total</b>                             | <b>NA</b>                                                       | <b>23,584,211.38</b>                     |

**Explanation (Table 2F Supplement):**

- <sup>1</sup> Individual Table 2F's should be used to summarize the project emission increase for each criteria pollutant.
- <sup>2</sup> Emission Point Number as designated in NSR Permit or Emissions Inventory.
- <sup>3</sup> All records and calculations for these values must be available upon request.
- <sup>4</sup> Correct actual emissions for currently applicable rule or permit requirements, and periods of non-compliance. These corrections, as well as any MSS previously demonstrated under 30 TAC 101, should be explained in the Table 2F supplement.
- <sup>5</sup> If projected actual emission is used it must be noted in the next column and the basis for the projection identified in the Table 2F supplement.
- <sup>6</sup> Proposed Emissions (column B) minus Baseline Emissions (column A).
- <sup>7</sup> Correction made to emission increase for what portion could have been accommodated during the baseline period. The justification and basis for this estimate must be provided in the Table 2F supplement.
- <sup>8</sup> Obtained by subtracting the correction from the difference. Must be a positive number.
- <sup>9</sup> Sum all values for this page.



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| EPN      | Description               | Power Block | UTM Coordinates |               |
|----------|---------------------------|-------------|-----------------|---------------|
|          |                           |             | Easting (mE)    | Northing (mN) |
| CT-1     | Cooling Tower 1           | A           | 262,690         | 3,908,590     |
| CT-2     | Cooling Tower 2           | A           | 262,710         | 3,908,590     |
| CT-3     | Cooling Tower 3           | A           | 262,730         | 3,908,590     |
| HRSGA-1  | Block A Turbine 1         | A           | 262,690         | 3,908,540     |
| HRSGA-2  | Block A Turbine 2         | A           | 262,690         | 3,908,490     |
| HRSGA-3  | Block A Turbine 3         | A           | 262,690         | 3,908,440     |
| HRSGA-4  | Block A Turbine 4         | A           | 262,690         | 3,908,390     |
| HRSGA-5  | Block A Turbine 5         | A           | 262,690         | 3,908,340     |
| HRSGA-6  | Block A Turbine 6         | A           | 262,690         | 3,908,290     |
| HRSGA-7  | Block A Turbine 7         | A           | 262,740         | 3,908,540     |
| HRSGA-8  | Block A Turbine 8         | A           | 262,740         | 3,908,490     |
| HRSGA-9  | Block A Turbine 9         | A           | 262,740         | 3,908,440     |
| HRSGA-10 | Block A Turbine 10        | A           | 262,740         | 3,908,390     |
| HRSGA-11 | Block A Turbine 11        | A           | 262,740         | 3,908,340     |
| HRSGA-12 | Block A Turbine 12        | A           | 262,740         | 3,908,290     |
| HRSGA-13 | Block A Turbine 13        | A           | 262,790         | 3,908,540     |
| HRSGA-14 | Block A Turbine 14        | A           | 262,790         | 3,908,490     |
| HRSGA-15 | Block A Turbine 15        | A           | 262,790         | 3,908,440     |
| HRSGA-16 | Block A Turbine 16        | A           | 262,790         | 3,908,390     |
| HRSGA-17 | Block A Turbine 17        | A           | 262,790         | 3,908,340     |
| HRSGA-18 | Block A Turbine 18        | A           | 262,790         | 3,908,290     |
| LOV1     | Lube Oil Vent 1           | A           | 262,695         | 3,908,540     |
| LOV2     | Lube Oil Vent 2           | A           | 262,695         | 3,908,490     |
| LOV3     | Lube Oil Vent 3           | A           | 262,695         | 3,908,440     |
| LOV4     | Lube Oil Vent 4           | A           | 262,695         | 3,908,390     |
| LOV5     | Lube Oil Vent 5           | A           | 262,695         | 3,908,340     |
| LOV6     | Lube Oil Vent 6           | A           | 262,695         | 3,908,290     |
| LOV7     | Lube Oil Vent 7           | A           | 262,745         | 3,908,540     |
| LOV8     | Lube Oil Vent 8           | A           | 262,745         | 3,908,490     |
| LOV9     | Lube Oil Vent 9           | A           | 262,745         | 3,908,440     |
| LOV10    | Lube Oil Vent 10          | A           | 262,745         | 3,908,390     |
| LOV11    | Lube Oil Vent 11          | A           | 262,745         | 3,908,340     |
| LOV12    | Lube Oil Vent 12          | A           | 262,745         | 3,908,290     |
| LOV13    | Lube Oil Vent 13          | A           | 262,795         | 3,908,540     |
| LOV14    | Lube Oil Vent 14          | A           | 262,795         | 3,908,490     |
| LOV15    | Lube Oil Vent 15          | A           | 262,795         | 3,908,440     |
| LOV16    | Lube Oil Vent 16          | A           | 262,795         | 3,908,390     |
| LOV17    | Lube Oil Vent 17          | A           | 262,795         | 3,908,340     |
| LOV18    | Lube Oil Vent 18          | A           | 262,795         | 3,908,290     |
| FPUMP1   | Fire System Pump Engine 1 | --          | 263,050         | 3,908,660     |
| EGEN1    | Emergency Generator 1     | --          | 263,100         | 3,908,660     |
| EGEN2    | Emergency Generator 2     | --          | 263,150         | 3,908,660     |

| EPN      | Description             | Power Block | UTM Coordinates |               |
|----------|-------------------------|-------------|-----------------|---------------|
|          |                         |             | Easting (mE)    | Northing (mN) |
| ENGINE-1 | Black Start Generator 1 | --          | 263,200         | 3,908,660     |
| TNK-DSL1 | Diesel Tank 1           | --          | 263,070         | 3,908,700     |
| TNK-DSL2 | Diesel Tank 2           | --          | 263,170         | 3,908,700     |
| CT-4     | Cooling Tower 4         | B           | 262,990         | 3,908,590     |
| CT-5     | Cooling Tower 5         | B           | 263,010         | 3,908,590     |
| CT-6     | Cooling Tower 6         | B           | 263,030         | 3,908,590     |
| HRSGB-1  | Block B Turbine 1       | B           | 262,990         | 3,908,540     |
| HRSGB-2  | Block B Turbine 2       | B           | 262,990         | 3,908,490     |
| HRSGB-3  | Block B Turbine 3       | B           | 262,990         | 3,908,440     |
| HRSGB-4  | Block B Turbine 4       | B           | 262,990         | 3,908,390     |
| HRSGB-5  | Block B Turbine 5       | B           | 262,990         | 3,908,340     |
| HRSGB-6  | Block B Turbine 6       | B           | 262,990         | 3,908,290     |
| HRSGB-7  | Block B Turbine 7       | B           | 263,040         | 3,908,540     |
| HRSGB-8  | Block B Turbine 8       | B           | 263,040         | 3,908,490     |
| HRSGB-9  | Block B Turbine 9       | B           | 263,040         | 3,908,440     |
| HRSGB-10 | Block B Turbine 10      | B           | 263,040         | 3,908,390     |
| HRSGB-11 | Block B Turbine 11      | B           | 263,040         | 3,908,340     |
| HRSGB-12 | Block B Turbine 12      | B           | 263,040         | 3,908,290     |
| HRSGB-13 | Block B Turbine 13      | B           | 263,090         | 3,908,540     |
| HRSGB-14 | Block B Turbine 14      | B           | 263,090         | 3,908,490     |
| HRSGB-15 | Block B Turbine 15      | B           | 263,090         | 3,908,440     |
| HRSGB-16 | Block B Turbine 16      | B           | 263,090         | 3,908,390     |
| HRSGB-17 | Block B Turbine 17      | B           | 263,090         | 3,908,340     |
| HRSGB-18 | Block B Turbine 18      | B           | 263,090         | 3,908,290     |
| LOV19    | Lube Oil Vent 19        | B           | 262,995         | 3,908,540     |
| LOV20    | Lube Oil Vent 20        | B           | 262,995         | 3,908,490     |
| LOV21    | Lube Oil Vent 21        | B           | 262,995         | 3,908,440     |
| LOV22    | Lube Oil Vent 22        | B           | 262,995         | 3,908,390     |
| LOV23    | Lube Oil Vent 23        | B           | 262,995         | 3,908,340     |
| LOV24    | Lube Oil Vent 24        | B           | 262,995         | 3,908,290     |
| LOV25    | Lube Oil Vent 25        | B           | 263,045         | 3,908,540     |
| LOV26    | Lube Oil Vent 26        | B           | 263,045         | 3,908,490     |
| LOV27    | Lube Oil Vent 27        | B           | 263,045         | 3,908,440     |
| LOV28    | Lube Oil Vent 28        | B           | 263,045         | 3,908,390     |
| LOV29    | Lube Oil Vent 29        | B           | 263,045         | 3,908,340     |
| LOV30    | Lube Oil Vent 30        | B           | 263,045         | 3,908,290     |
| LOV31    | Lube Oil Vent 31        | B           | 263,095         | 3,908,540     |
| LOV32    | Lube Oil Vent 32        | B           | 263,095         | 3,908,490     |
| LOV33    | Lube Oil Vent 33        | B           | 263,095         | 3,908,440     |
| LOV34    | Lube Oil Vent 34        | B           | 263,095         | 3,908,390     |
| LOV35    | Lube Oil Vent 35        | B           | 263,095         | 3,908,340     |
| LOV36    | Lube Oil Vent 36        | B           | 263,095         | 3,908,290     |

POWER BLOCK APOWER BLOCK B

LEGEND

- SUBJECT PROPERTY LINE BOUNDARY
- POINT SOURCE (EPN)



CLIENT / PROJECT  
FERMI EQUIPMENT HOLDCO LLC  
Fermi America Project Matador  
US-60, Panhandle, Carson County, TX 79068

PLOT PLAN - WEST SECTION

|                                                                                                  |                         |                       |
|--------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| DRAWN BY: O. Fonseka                                                                             | REQUEST BY: N. Nussbaum | PROJECT NO.<br>683447 |
| DWG. DATE: August 2025                                                                           | PROJECT-MGR: E. Stanko  |                       |
| 11767 KATY FREEWAY, SUITE 850<br>HOUSTON, TEXAS 77079<br>PHONE: 281-616-0100<br>TRCcompanies.com |                         | FIGURE<br>1-2A        |





LEGEND

SUBJECT PROPERTY LINE BOUNDARY

POINT SOURCE (EPN)

VOLUME SOURCE (EPN)

| EPN      | Description        | Power Block | UTM Coordinates |               | EPN      | Description               | Power Block | UTM Coordinates |               | EPN      | Description        | Power Block | UTM Coordinates |               | EPN      | Description        | Power Block | UTM Coordinates |               |
|----------|--------------------|-------------|-----------------|---------------|----------|---------------------------|-------------|-----------------|---------------|----------|--------------------|-------------|-----------------|---------------|----------|--------------------|-------------|-----------------|---------------|
|          |                    |             | Easting (mE)    | Northing (mN) |          |                           |             | Easting (mE)    | Northing (mN) |          |                    |             | Easting (mE)    | Northing (mN) |          |                    |             | Easting (mE)    | Northing (mN) |
| CT-7     | Cooling Tower 7    | C           | 269,120         | 3,908,500     | LOV49    | Lube Oil Vent 49          | C           | 269,225         | 3,908,500     | HRSGD-12 | Block D Turbine 12 | D           | 269,850         | 3,908,400     | HRSGE-5  | Block E Turbine 5  | E           | 270,300         | 3,908,600     |
| CT-8     | Cooling Tower 8    | C           | 269,140         | 3,908,500     | LOV50    | Lube Oil Vent 50          | C           | 269,225         | 3,908,450     | HRSGD-13 | Block D Turbine 13 | D           | 269,800         | 3,908,350     | HRSGE-6  | Block E Turbine 6  | E           | 270,350         | 3,908,600     |
| CT-9     | Cooling Tower 9    | C           | 269,160         | 3,908,500     | LOV51    | Lube Oil Vent 51          | C           | 269,225         | 3,908,400     | HRSGD-14 | Block D Turbine 14 | D           | 269,850         | 3,908,350     | HRSGE-7  | Block E Turbine 7  | E           | 270,100         | 3,908,550     |
| HRSGC-1  | Block C Turbine 1  | C           | 269,120         | 3,908,500     | LOV52    | Lube Oil Vent 52          | C           | 269,225         | 3,908,350     | HRSGD-15 | Block D Turbine 15 | D           | 269,700         | 3,908,350     | HRSGE-8  | Block E Turbine 8  | E           | 270,150         | 3,908,550     |
| HRSGC-2  | Block C Turbine 2  | C           | 269,120         | 3,908,450     | LOV53    | Lube Oil Vent 53          | C           | 269,225         | 3,908,300     | HRSGD-16 | Block D Turbine 16 | D           | 269,750         | 3,908,350     | HRSGE-9  | Block E Turbine 9  | E           | 270,200         | 3,908,550     |
| HRSGC-3  | Block C Turbine 3  | C           | 269,120         | 3,908,400     | LOV54    | Lube Oil Vent 54          | C           | 269,225         | 3,908,250     | HRSGD-17 | Block D Turbine 17 | D           | 269,800         | 3,908,350     | HRSGE-10 | Block E Turbine 10 | E           | 270,250         | 3,908,550     |
| HRSGC-4  | Block C Turbine 4  | C           | 269,120         | 3,908,350     | FPUMP2   | Fire System Pump Engine 2 | -           | 269,350         | 3,908,600     | HRSGD-18 | Block D Turbine 18 | D           | 269,850         | 3,908,350     | HRSGE-11 | Block E Turbine 11 | E           | 270,300         | 3,908,550     |
| HRSGC-5  | Block C Turbine 5  | C           | 269,120         | 3,908,300     | EGEN3    | Emergency Generator 3     | -           | 269,400         | 3,908,600     | LOV55    | Lube Oil Vent 55   | D           | 269,805         | 3,908,450     | HRSGE-12 | Block E Turbine 12 | E           | 270,350         | 3,908,550     |
| HRSGC-6  | Block C Turbine 6  | C           | 269,120         | 3,908,250     | EGEN4    | Emergency Generator 4     | -           | 269,450         | 3,908,600     | LOV56    | Lube Oil Vent 56   | D           | 269,855         | 3,908,450     | HRSGE-13 | Block E Turbine 13 | E           | 270,100         | 3,908,500     |
| HRSGC-7  | Block C Turbine 7  | C           | 269,170         | 3,908,500     | EGEN5    | Emergency Generator 5     | -           | 269,500         | 3,908,600     | LOV57    | Lube Oil Vent 57   | D           | 269,705         | 3,908,450     | HRSGE-14 | Block E Turbine 14 | E           | 270,150         | 3,908,500     |
| HRSGC-8  | Block C Turbine 8  | C           | 269,170         | 3,908,450     | EGEN6    | Emergency Generator 6     | -           | 269,550         | 3,908,600     | LOV58    | Lube Oil Vent 58   | D           | 269,755         | 3,908,450     | HRSGE-15 | Block E Turbine 15 | E           | 270,200         | 3,908,500     |
| HRSGC-9  | Block C Turbine 9  | C           | 269,170         | 3,908,400     | ENGINE-2 | Block Start Generator 2   | -           | 269,600         | 3,908,600     | LOV59    | Lube Oil Vent 59   | D           | 269,805         | 3,908,450     | HRSGE-16 | Block E Turbine 16 | E           | 270,250         | 3,908,500     |
| HRSGC-10 | Block C Turbine 10 | C           | 269,170         | 3,908,350     | NGFUG    | Natural Gas Fugitives     | -           | 269,750         | 3,908,550     | LOV60    | Lube Oil Vent 60   | D           | 269,855         | 3,908,450     | HRSGE-17 | Block E Turbine 17 | E           | 270,300         | 3,908,500     |
| HRSGC-11 | Block C Turbine 11 | C           | 269,170         | 3,908,300     | NH3FUG   | Ammonia Fugitives         | -           | 269,750         | 3,908,550     | LOV61    | Lube Oil Vent 61   | D           | 269,805         | 3,908,400     | HRSGE-18 | Block E Turbine 18 | E           | 270,350         | 3,908,500     |
| HRSGC-12 | Block C Turbine 12 | C           | 269,170         | 3,908,250     | MSSFUG   | MSS Fugitives             | -           | 269,750         | 3,908,550     | LOV62    | Lube Oil Vent 62   | D           | 269,855         | 3,908,400     | LOV73    | Lube Oil Vent 73   | E           | 270,105         | 3,908,600     |
| HRSGC-13 | Block C Turbine 13 | C           | 269,220         | 3,908,500     | FUG-SF6  | SF6 Fugitives             | -           | 269,750         | 3,908,550     | LOV63    | Lube Oil Vent 63   | D           | 269,705         | 3,908,400     | LOV74    | Lube Oil Vent 74   | E           | 270,155         | 3,908,600     |
| HRSGC-14 | Block C Turbine 14 | C           | 269,220         | 3,908,450     | TNK-DSL3 | Diesel Tank 3             | -           | 269,450         | 3,908,650     | LOV64    | Lube Oil Vent 64   | D           | 269,755         | 3,908,400     | LOV75    | Lube Oil Vent 75   | E           | 270,205         | 3,908,600     |
| HRSGC-15 | Block C Turbine 15 | C           | 269,220         | 3,908,400     | TNK-DSL4 | Diesel Tank 4             | -           | 269,500         | 3,908,650     | LOV65    | Lube Oil Vent 65   | D           | 269,805         | 3,908,400     | LOV76    | Lube Oil Vent 76   | E           | 270,255         | 3,908,600     |
| HRSGC-16 | Block C Turbine 16 | C           | 269,220         | 3,908,350     | CT-10    | Cooling Tower 10          | D           | 269,600         | 3,908,550     | LOV66    | Lube Oil Vent 66   | D           | 269,855         | 3,908,400     | LOV77    | Lube Oil Vent 77   | E           | 270,305         | 3,908,600     |
| HRSGC-17 | Block C Turbine 17 | C           | 269,220         | 3,908,300     | CT-11    | Cooling Tower 11          | D           | 269,620         | 3,908,550     | LOV67    | Lube Oil Vent 67   | D           | 269,805         | 3,908,350     | LOV78    | Lube Oil Vent 78   | E           | 270,355         | 3,908,600     |
| HRSGC-18 | Block C Turbine 18 | C           | 269,220         | 3,908,250     | CT-12    | Cooling Tower 12          | D           | 269,640         | 3,908,550     | LOV68    | Lube Oil Vent 68   | D           | 269,855         | 3,908,350     | LOV79    | Lube Oil Vent 79   | E           | 270,105         | 3,908,550     |
| LOV57    | Lube Oil Vent 57   | C           | 269,125         | 3,908,500     | HRSGD-1  | Block D Turbine 1         | D           | 269,600         | 3,908,450     | LOV69    | Lube Oil Vent 69   | D           | 269,705         | 3,908,350     | LOV80    | Lube Oil Vent 80   | E           | 270,155         | 3,908,550     |
| LOV58    | Lube Oil Vent 58   | C           | 269,125         | 3,908,450     | HRSGD-2  | Block D Turbine 2         | D           | 269,650         | 3,908,450     | LOV70    | Lube Oil Vent 70   | D           | 269,755         | 3,908,350     | LOV81    | Lube Oil Vent 81   | E           | 270,205         | 3,908,550     |
| LOV59    | Lube Oil Vent 59   | C           | 269,125         | 3,908,400     | HRSGD-3  | Block D Turbine 3         | D           | 269,700         | 3,908,450     | LOV71    | Lube Oil Vent 71   | D           | 269,805         | 3,908,350     | LOV82    | Lube Oil Vent 82   | E           | 270,255         | 3,908,550     |
| LOV60    | Lube Oil Vent 60   | C           | 269,125         | 3,908,350     | HRSGD-4  | Block D Turbine 4         | D           | 269,750         | 3,908,450     | LOV72    | Lube Oil Vent 72   | D           | 269,855         | 3,908,350     | LOV83    | Lube Oil Vent 83   | E           | 270,305         | 3,908,550     |
| LOV61    | Lube Oil Vent 61   | D           | 269,800         | 3,908,300     | HRSGD-5  | Block D Turbine 5         | D           | 269,800         | 3,908,450     | CT-13    | Cooling Tower 13   | E           | 270,100         | 3,908,700     | LOV84    | Lube Oil Vent 84   | E           | 270,355         | 3,908,550     |
| LOV62    | Lube Oil Vent 62   | C           | 269,125         | 3,908,250     | HRSGD-6  | Block D Turbine 6         | D           | 269,850         | 3,908,450     | CT-14    | Cooling Tower 14   | E           | 270,120         | 3,908,700     | LOV85    | Lube Oil Vent 85   | E           | 270,105         | 3,908,500     |
| LOV63    | Lube Oil Vent 63   | C           | 269,175         | 3,908,500     | HRSGD-7  | Block D Turbine 7         | D           | 269,900         | 3,908,400     | CT-15    | Cooling Tower 15   | E           | 270,140         | 3,908,700     | LOV86    | Lube Oil Vent 86   | E           | 270,155         | 3,908,500     |
| LOV64    | Lube Oil Vent 64   | C           | 269,175         | 3,908,450     | HRSGD-8  | Block D Turbine 8         | D           | 269,950         | 3,908,400     | HRSGE-1  | Block E Turbine 1  | E           | 270,100         | 3,908,600     | LOV87    | Lube Oil Vent 87   | E           | 270,205         | 3,908,500     |
| LOV65    | Lube Oil Vent 65   | C           | 269,175         | 3,908,400     | HRSGD-9  | Block D Turbine 9         | D           | 269,700         | 3,908,400     | HRSGE-2  | Block E Turbine 2  | E           | 270,150         | 3,908,600     | LOV88    | Lube Oil Vent 88   | E           | 270,255         | 3,908,500     |
| LOV66    | Lube Oil Vent 66   | C           | 269,175         | 3,908,350     | HRSGD-10 | Block D Turbine 10        | D           | 269,750         | 3,908,400     | HRSGE-3  | Block E Turbine 3  | E           | 270,200         | 3,908,600     | LOV89    | Lube Oil Vent 89   | E           | 270,305         | 3,908,500     |
| LOV67    | Lube Oil Vent 67   | C           | 269,175         | 3,908,300     | HRSGD-11 | Block D Turbine 11        | D           | 269,800         | 3,908,400     | HRSGE-4  | Block E Turbine 4  | E           | 270,250         | 3,908,600     | LOV90    | Lube Oil Vent 90   | E           | 270,355         | 3,908,500     |
| LOV68    | Lube Oil Vent 68   | C           | 269,175         | 3,908,250     |          |                           |             |                 |               |          |                    |             |                 |               |          |                    |             |                 |               |

CLIENT / PROJECT  
**FERMI EQUIPMENT HOLDCO LLC**  
Fermi America Project Matador  
US-60, Panhandle, Carson County, TX 79068

TITLE  
**PLOT PLAN - EAST SECTION**

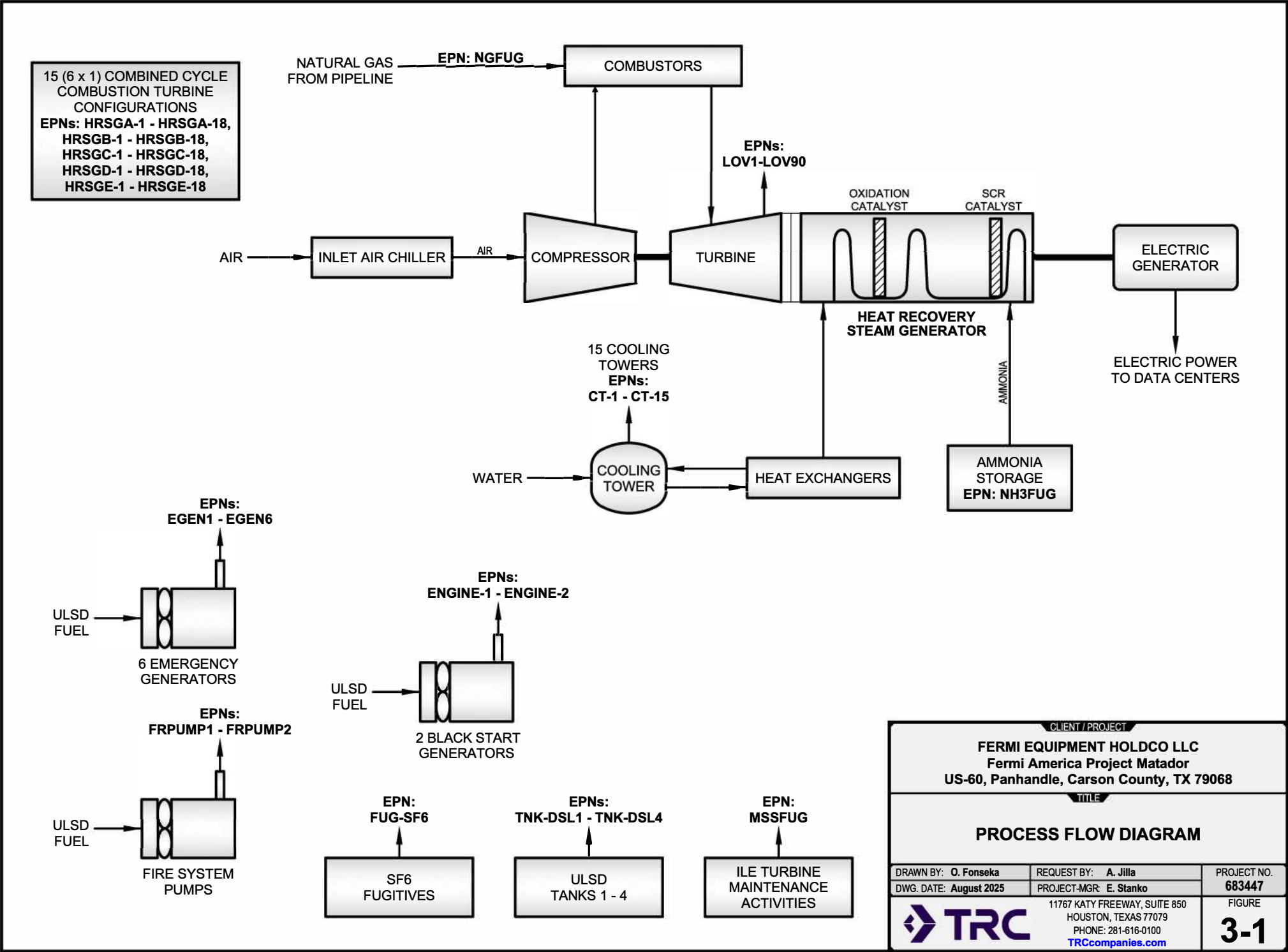
DRAWN BY: O. Fonseca  
DWG. DATE: August 2025

REQUEST BY: N. Nussbaum  
PROJECT-MGR: E. Stanko

PROJECT NO.  
**683447**  
FIGURE  
**1-2B**

11767 KATY FREEWAY, SUITE 850  
HOUSTON, TEXAS 77079  
PHONE: 281-616-0100  
TRCcompanies.com







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## Contact and Phone Numbers

501 Main

Panhandle, TX 79068

☎ (806) 537-3622

📅 (806) 537-2244

✉ dan.looten@co.carson.tx.us (mailto:dan.looten@co.carson.tx.us)

### General Contact for Carson

Street:

P. O. Box 369

Panhandle, TX 79068

☎ (806) 537-3622

📅 (806) 537-2244

✉ gayla.cates@co.carson.tx.us (mailto:gayla.cates@co.carson.tx.us)

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## Steven Piper

---

**From:** Steven Piper  
**Sent:** Sunday, August 3, 2025 1:49 PM  
**To:** RFCAIR1  
**Subject:** Site Review/Request for Comments for Project Number 396274  
**Attachments:** RFC-396274.docx

PLEASE DO NOT RESPOND TO THE PERSON SENDING THIS EMAIL.

This is a request for comments. Please submit comments to the individual and within the specified time frame as identified in the attached file.



## Steven Piper

---

**From:** Steven Piper  
**Sent:** Monday, August 4, 2025 9:43 AM  
**To:** Joel Stanford; Chad Dumas; Daniel Jamieson; Matthew Kovar  
**Subject:** New Project Assignment - Currently in Initial Review Process

181009\_396274 is located at APD 396274s *Mechanical-Coatings*\Joel Stanford. Please assign a reviewer and move the project folder to APD 396274s *Mechanical-Coatings*\Assigned Reviewer's Folder.

This project has been identified as an:

- Expedite Surcharge (SB1756)

Thank you!

# COMISIÓN DE CALIDAD AMBIENTAL DE TEXAS



## Ejemplo A

### AVISO DE RECIBIMIENTO DE LA SOLICITUD E INTENCIÓN DE OBTENER UN PERMISO DE AIRE (NORI)

NÚMERO DE PERMISO DE CALIDAD DEL AIRE PROPUESTO  
181009, PSDTX1670, Y GHGPSDTX254

**SOLICITUD** Fermi Equipment Holdco, LLC, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ, por sus siglas en inglés) para: Emisión del permiso 181009, Emisión del permiso de prevención del deterioro significativo (PSD, por sus siglas en inglés) PSDTX1670 y Emisión de Permiso de Prevención de Deterioro Significativo (PSD) de Gases de Efecto Invernadero (GEI) GHGPSDTX254.

Esta solicitud autorizaría la construcción de Planta generadora eléctrica situado aproximadamente a 15 millas al noreste de Amarillo, a lo largo de la carretera estadounidense 60, cerca de la intersección de la carretera estadounidense 60 y Farm-to-Market Road 2373 en el lado norte de la carretera, Amarillo, condado de Carson, Texas 79101. Esta solicitud se está procesando de manera acelerada, según lo permiten las reglas de la comisión en el Título 30 del Código Administrativo de Texas, Capítulo 101, Subcapítulo J.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación se ofrece como cortesía pública y no forma parte de la solicitud o del anuncio. Para conocer la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-101.5776,35.2843&level=13>.

La instalación emitirá los siguientes contaminantes: Monóxido de carbono, contaminantes atmosféricos peligrosos, niebla de ácido sulfúrico, óxidos de nitrógeno, compuestos orgánicos, material particulado, incluyendo material particulado con diámetros de 10 micras o menos y 2,5 micras o menos, amoníaco y dióxido de azufre. La instalación propuesta también emitirá gases de efecto invernadero.

Esta solicitud se presentó a la TCEQ el 1 de agosto de 2025. La solicitud estará disponible para su visualización y copia en la oficina central de la TCEQ, la Amarillo oficina regional, y la Biblioteca Pública del Condado de Carson, 401 Main Street, Panhandle, Condado de Carson, Texas a partir del primer día de la publicación de este aviso. El expediente de cumplimiento de la instalación, si existe, está a disposición del público en la Amarillo oficina regional de la TCEQ. La solicitud (cualquier actualización inclusive) está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/air/airpermit-applications-notices>.

El director ejecutivo ha determinado que la solicitud está administrativamente completa y realizará una revisión técnica de la misma.

**COMENTARIOS DEL PÚBLICO. Puede presentar comentarios públicos a la Oficina del Secretario Ejecutivo en la dirección que aparece más abajo.** La TCEQ considerará todos los comentarios públicos al desarrollar una decisión final sobre la solicitud y el director ejecutivo preparará una respuesta a esos comentarios.

**REUNIÓN PÚBLICA. Puede solicitar una reunión pública a la Oficina del Secretario Oficial en la dirección indicada más abajo.** El propósito de una reunión pública es ofrecer la oportunidad de presentar comentarios o hacer preguntas sobre la solicitud. Se convocará una reunión pública sobre la solicitud si lo solicita una persona interesada y el director ejecutivo determina que existe un grado significativo de interés público en la solicitud o si lo solicita un legislador local. Una reunión pública no es una audiencia de caso impugnado.

Una vez finalizada la revisión técnica de la solicitud, el director ejecutivo puede preparar un proyecto de permiso y emitirá una decisión preliminar sobre la solicitud. Si se prepara un proyecto de permiso de calidad del aire, se requiere un aviso de solicitud y decisión preliminar que se publicará y enviará por correo a quienes hayan hecho comentarios, hayan presentado solicitudes de audiencia o estén en la lista de correo de esta solicitud y contendrá el plazo final para presentar comentarios públicos.

**OPORTUNIDAD DE AUDIENCIA DE CASO IMPUGNADO** Usted puede solicitar una audiencia de caso impugnado con respecto a las partes de la solicitud de Permiso de Aire Número 181009 y Permiso de Calidad de Aire PSD Número PSDTX1670 si usted es una persona que puede ser afectada por las emisiones de contaminantes del aire

de la instalación. No existe la oportunidad de solicitar una audiencia de caso impugnado con respecto a la parte de la solicitud del Permiso de Calidad del Aire de GHGPSD Número GHGPSDTX254. Si solicita una audiencia de caso impugnado, debe presentar lo siguiente (1) su nombre (o en el caso de un grupo o asociación, un representante oficial), dirección postal y número de teléfono durante el día; (2) el nombre del solicitante y el número de permiso; (3) la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado"; (4) una descripción específica de cómo usted se vería afectado negativamente por la solicitud y las emisiones de aire de la instalación de una manera no común al público en general; (5) la ubicación y la distancia de su propiedad en relación con la instalación; (6) una descripción del uso que usted hace de la propiedad que puede verse afectada por la instalación; y (7) una lista de todas las cuestiones de hecho controvertidas que presente durante el periodo de comentarios. Si la solicitud la realiza un grupo o una asociación, deberá identificarse con nombre y dirección física a uno o varios miembros que estén legitimados para solicitar una audiencia. También deben identificarse los intereses que el grupo o la asociación pretende proteger. También puede presentar sus propuestas de ajustes a la solicitud/permiso que satisfagan sus preocupaciones.

Actualmente se puede solicitar una audiencia de caso impugnado hasta 30 días después del envío de la respuesta a los comentarios de esta solicitud. Tenga en cuenta que, si el solicitante realiza cambios en sus declaraciones antes de que la solicitud se considere técnicamente completa y ello da lugar a niveles de emisión inferiores a los umbrales de la PSD, el plazo para presentar una solicitud de audiencia de caso impugnado será de 30 días después de la última publicación del NORI. En tales casos, este NORI puede ser su única oportunidad para solicitar una audiencia de caso impugnado. Si se presenta una solicitud a tiempo, el plazo para solicitar una audiencia de caso impugnado se ampliará a 30 días después del envío de la respuesta a los comentarios.

Si se presenta una solicitud de audiencia a tiempo, una vez cerrados todos los periodos de comentarios y solicitudes aplicables, el Director Ejecutivo enviará la parte aplicable de la solicitud y cualquier solicitud de audiencia de caso impugnado a los Comisionados para su consideración en una reunión programada de la Comisión. La Comisión sólo podrá conceder una solicitud de audiencia de caso impugnado sobre cuestiones que el solicitante haya presentado en sus comentarios oportunos y que no hayan sido retirados posteriormente. **Si se concede una audiencia, el objeto de la misma se limitará a las cuestiones de hecho controvertidas o a las cuestiones mixtas de hecho y de derecho relativas a los problemas de calidad del aire pertinentes y materiales presentados durante el periodo de comentarios.** Cuestiones como el valor de la propiedad, el ruido, la seguridad del tráfico y la zonificación quedan fuera de la jurisdicción de la Comisión para ser tratadas en este procedimiento.

**LISTA DE CORREO.** Además de presentar comentarios públicos, puede solicitar que se le incluya en una lista de correo para recibir futuros avisos públicos sobre esta solicitud específica enviando una solicitud por escrito a la Oficina del Secretario Oficial en la dirección que figura a continuación.

**CONTACTOS E INFORMACIÓN DE LA AGENCIA.** Los comentarios y solicitudes del público deben presentarse vía electrónicamente en [www14.tceq.texas.gov/epic/eComment/](http://www14.tceq.texas.gov/epic/eComment/), o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información de contacto que proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física, formará parte del registro público de la agencia. Para más información sobre el proceso de tramitación de permisos, favor de llamar al Programa de Educación pública de la TCEQ sin costo al 1-800-687-4040, o bien visitar su sitio web, [www.tceq.texas.gov/goto/pep](http://www.tceq.texas.gov/goto/pep). Para información en español, favor de llamar al 1-800-687-4040. También es posible consultar oportunidades de participación pública en nuestro sitio web, [www.tceq.texas.gov/goto/participation](http://www.tceq.texas.gov/goto/participation).

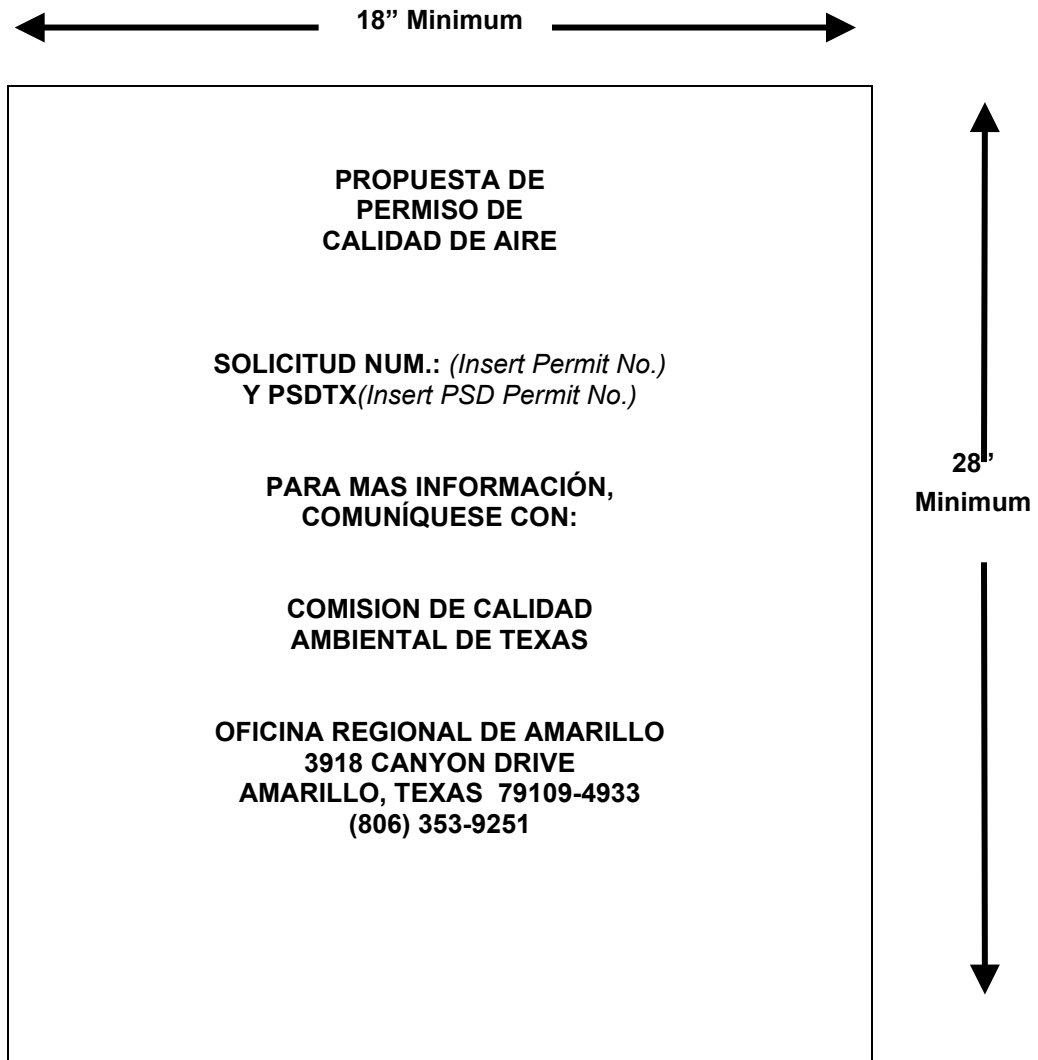
También se puede obtener más información de TRC Environmental Corporation, 11767 Katy Fwy, Suite 850 o llamando a Ms. Elizabeth Stanko, Director de Proyectos de Transición Energética al (713) 244-1039.

Fecha de emisión del aviso: 5 de agosto de 2025

## EXAMPLE F

### SIGN POSTING

Sign(s) must be in place on day of publication of first newspaper notice and must remain in place and be legible during that designated comment period (30 days). These signs must remain in place until 30 days after the last newspaper publication of the second notice (either English or alternate language notice, whichever is later). Note - The information shown is an example only. It is your responsibility to verify that the appropriate information pertaining to your application is accurate. Each sign placed at the site must be located within 10 feet of each (every) property line paralleling a public highway, street or road. Signs must be visible from the street and spaced at not more than 1,500-foot intervals. A minimum of one sign, but not more than three signs shall be required along any property line paralleling a public highway, street, or road.



Sign(s) must be placed at whatever height above the ground is necessary for sign(s) to be 100% visible from the street.

## **WHITE BACKGROUND WITH BLACK LETTERS**

**All lettering must be no less than 1-1/2 inch block printed capitals.**

## Steven Piper

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**From:** Steven Piper  
**Sent:** Tuesday, August 5, 2025 10:41 PM  
**To:** OCC-NSR; R6AirPermitsTX@epa.gov; Stanko, Elizabeth;  
CHARLIE.HAMILTON@FERMIAMERICA.COM  
**Cc:** RFCAIR1  
**Subject:** INITIAL, Fermi Equipment Holdco, LLC, Project: 396274, Permit(s): 181009, , PSDTX1670,  
and GHGPSDTX254  
**Attachments:** FERMI PN.docx; 20250804-01\_Nori Spanish.docx; 20250805-01\_Spanish Sign.docx

Please see Public Notice attached.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## EXAMPLE A

### NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN AIR PERMIT (NORI)

PROPOSED AIR QUALITY PERMIT NUMBER 181009, PSDTX1670,  
AND GHGPSDTX254

**APPLICATION** Fermi Equipment Holdco, LLC, has applied to the Texas Commission on Environmental Quality (TCEQ) for:

Issuance of Permit 181009

Issuance of Prevention of Significant Deterioration (PSD) Permit PSDTX1670

Issuance of Greenhouse Gas (GHG) Prevention of Significant Deterioration (PSD) Permit GHGPSDTX254

This application would authorize construction of the Electric Generating Plant located approximately 15 miles northeast of Amarillo, along US Highway 60, near intersection of US Highway 60 and Farm-to-Market Road 2373 on north side of the road., Amarillo, Carson County, Texas 79101 This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. **AVISO DE IDIOMA**

**ALTERNATIVO.** El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/air/newsourcesreview/airpermits-pendingpermit-apps>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-101.5776,35.2843&level=13>. The facility will emit the following contaminants: carbon monoxide, hazardous air pollutants, sulfuric acid mist, nitrogen oxides, ammonia, organic compounds, particulate matter including particulate matter with diameters of 10 microns or less and 2.5 microns or less and sulfur dioxide. The proposed facility will also emit greenhouse gases.

This application was submitted to the TCEQ on August 1, 2025. The application will be available for viewing and copying at the TCEQ central office, the TCEQ Amarillo regional office, and the Carson County Public Library, 401 Main Street, Panhandle, Carson County, Texas beginning the first day of publication of this notice. The facility's compliance file, if any exists, is available for public review in the Amarillo regional office of the TCEQ. The application, including any updates, is available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/air/airpermit-applications-notices>

The executive director has determined the application is administratively complete and will conduct a technical review of the application.

**PUBLIC COMMENT.** You may submit public comments to the Office of the Chief Clerk at the address below. The TCEQ will consider all public comments in developing a final decision on the application and the executive director will prepare a response to those comments.

**PUBLIC MEETING.** You may request a public meeting to the Office of the Chief Clerk at the address below. The purpose of a public meeting is to provide the opportunity to submit comments or ask questions about the application. A public meeting about the application will be held if the executive director determines that there is a significant degree of public interest in the application, if requested by an interested person, or if requested by a local legislator. A public meeting is not a contested case hearing.

After technical review of the application is complete, the executive director may prepare a draft permit and will issue a preliminary decision on the application. If a draft Air Quality Permit is prepared, a Notice of Application and Preliminary Decision is required and it will then be published and mailed to those who made comments, submitted hearing requests or are on the mailing list for this application and will contain the final deadline for submitting public comments.

**OPPORTUNITY FOR A CONTESTED CASE HEARING** You may request a contested case hearing regarding the portions of the application for Air Permit Number 181009 and PSD Air Quality Permit Number PSDTX1670 if you are a person who may be affected by emissions of air contaminants from the facility. There is no opportunity to



request a contested case hearing regarding the portion of the application for GHGPSD Air Quality Permit Number GHGPSDTX254. If requesting a contested case hearing, you must submit the following: (1) your name (or for a group or association, an official representative), mailing address, and daytime phone number; (2) applicant's name and permit number; (3) the statement "[I/we] request a contested case hearing"; (4) a specific description of how you would be adversely affected by the application and air emissions from the facility in a way not common to the general public; (5) the location and distance of your property relative to the facility; (6) a description of how you use the property which may be impacted by the facility; and (7) a list of all disputed issues of fact that you submit during the comment period. If the request is made by a group or an association, one or more members who have standing to request a hearing must be identified by name and physical address. The interests the group or association seeks to protect must also be identified. You may also submit your proposed adjustments to the application/permit which would satisfy your concerns.

A contested case hearing may currently be requested until 30 days after the mailing of the response to comments for this application. Note, if the applicant makes changes to its representations prior to the application being deemed technically complete that result in emission levels that are less than PSD thresholds, then the deadline to submit a request for a contested case hearing will be 30 days after the last publication of the NORI. In such cases, this NORI may be your only opportunity to request a contested case hearing. If a request is timely filed, the deadline for requesting a contested case hearing will be extended to 30 days after the mailing of the response to comments.

If a hearing request is timely filed, following the close of all applicable comment and request periods, the Executive Director will forward the applicable portion of the application and any requests for contested case hearing to the Commissioners for their consideration at a scheduled Commission meeting. The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material air quality concerns submitted during the comment period.** Issues such as property values, noise, traffic safety, and zoning are outside of the Commission's jurisdiction to address in this proceeding.

**MAILING LIST.** In addition to submitting public comments, you may ask to be placed on a mailing list to receive future public notices for this specific application by sending a written request to the Office of the Chief Clerk at the address below.

**AGENCY CONTACTS AND INFORMATION.** All public comments and requests must be submitted either electronically at [www14.tceq.texas.gov/epic/eComment/](http://www14.tceq.texas.gov/epic/eComment/), or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at [www.tceq.texas.gov/goto/pep](http://www.tceq.texas.gov/goto/pep). Si desea información en Español, puede llamar al 1-800-687-4040. You can also view our website for public participation opportunities at [www.tceq.texas.gov/goto/participation](http://www.tceq.texas.gov/goto/participation).

Further information may also be obtained from Fermi Equipment Holdco, LLC, 600 South Tyler Street Suite 1501, Amarillo, Texas 79101-2351 or by calling Ms. Elizabeth Stanko, TRC Environmental Corporation, Director, Energy Transition Projects at (713) 244-1039.

Notice Issuance Date: August 5, 2025

**Plain Language Summary for New Source Review (NSR) Initial  
Application for Air New Source Review Permit Number 181009**

*The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.*

Fermi Equipment Holdco, LLC (CN606413086) has submitted an air permit application for initial new source review (NSR) Permit number (181009), PSD Permit number (PSDTX1670), and GHG Permit number (GHGPSDTX254) to authorize construction of a new natural gas-fired combined cycle power plant. The Fermi America Project Matador (RN112258678) will be installed at a greenfield site in Carson County. The site is located approximately 15 miles northeast of Amarillo, Texas along US Highway 60, near the intersection of US Hwy 60 and FM2373. The Fermi America Project Matador will provide electricity to an onsite data center campus.

Fermi Equipment Holdco LLC has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

| <b>Pollutant</b>                                                    | <b>Proposed Emissions (tons per year)</b> |
|---------------------------------------------------------------------|-------------------------------------------|
| Volatile Organic Compounds (VOC)                                    | 581.75                                    |
| Carbon Monoxide (CO)                                                | 2,140.86                                  |
| Nitrogen Oxides (NO <sub>x</sub> )                                  | 1,591.48                                  |
| Sulfur Dioxide (SO <sub>2</sub> )                                   | 282.28                                    |
| Ammonia (NH <sub>3</sub> )                                          | 1,370.78                                  |
| Total Particulate Matter (PM)                                       | 1,075.12                                  |
| Particulate Matter sized less than 10 Microns (PM <sub>10</sub> )   | 1,025.80                                  |
| Particulate Matter sized less than 2.5 Microns (PM <sub>2.5</sub> ) | 976.69                                    |
| Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )                     | 43.20                                     |
| Greenhouse Gas (CO <sub>2</sub> e)                                  | 23,584,211.38                             |
| Hazardous Air Pollutants (HAPs - Individual)                        | 44.04                                     |
| Hazardous Air Pollutants (HAPS - Aggregate)                         | 107.48                                    |

The combustion turbines will be equipped with selective catalytic reduction (SCR) to reduce NO<sub>x</sub> emissions and oxidation catalysts for CO and VOC emissions control. Greenhouse Gas (CO<sub>2</sub>e) emissions will be reduced using low-carbon natural gas fuel and energy-efficient turbine design. Good combustion, operating, and maintenance practices will be implemented for the combustion turbines. More detailed emission control information is provided in the air permit application.

## Resumen en Lenguaje Sencillo del Permiso Inicial de Revisión de Nuevas Fuentes Solicitud de Permiso de Revisión de Nuevas Fuentes de Aire Número 181009

*El siguiente resumen se proporciona para esta solicitud de permiso de aire pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas, según lo dispuesto en el capítulo 39 del Código Administrativo de Texas. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no son representaciones federales ejecutables de la solicitud de permiso.*

Fermi Equipment Holdco, LLC (CN606413086) ha presentado una solicitud de permiso de aire para la revisión inicial de nueva fuente (NSR) número de permiso (181009), número de permiso PSD (PSDTX1670) y número de permiso GHG (GHGPSDTX254) para autorizar la construcción de una nueva planta de energía de ciclo combinado a gas natural. El proyecto Matador de Fermi America (RN112258678) se instalará en un terreno no urbanizado en el condado de Carson. El sitio está ubicado aproximadamente a 15 millas al noreste de Amarillo, Texas, a lo largo de la carretera US 60, cerca de la intersección de la carretera US 60 y FM2373. El Proyecto Matador de Fermi America proporcionará electricidad a un campus de centro de datos en el sitio.

Fermi Equipment Holdco, LLC ha enumerado en la solicitud los contaminantes y las cantidades que se emitirán en cada instalación. A continuación, se muestra la cantidad total de cada contaminante que se propone emitir anualmente en todas las instalaciones.

| Los Contaminantes                                                 | Emisiones Propuestas<br>(toneladas por año) |
|-------------------------------------------------------------------|---------------------------------------------|
| Compuestos orgánicos volátiles (COV)                              | 581.75                                      |
| Monóxido de carbono (CO)                                          | 2,140.86                                    |
| Óxidos de nitrógeno (NOx)                                         | 1,591.48                                    |
| Dióxido de azufre (SO <sub>2</sub> )                              | 282.28                                      |
| Amoníaco (NH <sub>3</sub> )                                       | 1,370.78                                    |
| Partículas Totales (PM)                                           | 1,075.12                                    |
| Partículas de tamaño inferior a 10 micrones (PM <sub>10</sub> )   | 1,025.80                                    |
| Partículas de tamaño inferior a 2,5 micrones (PM <sub>2.5</sub> ) | 976.69                                      |
| Ácido sulfúrico (H <sub>2</sub> SO <sub>4</sub> )                 | 43.20                                       |
| Gases de efecto invernadero (CO <sub>2</sub> e)                   | 23,584,211.38                               |
| Contaminantes atmosféricos peligrosos (HAPs - Individual)         | 44.04                                       |
| Contaminantes atmosféricos peligrosos (HAPS - Aggregate)          | 107.48                                      |

Las turbinas de combustión estarán equipadas con reducción catalítica selectiva (SCR) para reducir las emisiones de NOx y catalizadores de oxidación para el control de las emisiones de CO y COV. Las emisiones de gases de efecto invernadero (CO<sub>2</sub>e) se reducirán utilizando gas natural bajo en carbono y un diseño de turbinas energéticamente eficiente. Se implementarán buenas prácticas de combustión, operación y mantenimiento para las turbinas de combustión. Se proporciona información más detallada sobre el control de emisiones en la solicitud de permiso de emisiones atmosféricas.